



Architecture

21046

Empire State Building

New York, USA



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An Icon of its Time

At 102 stories, the Empire State Building may no longer be the tallest skyscraper in New York, but it is undoubtedly one of the most significant. No visit to the city is complete without a trip to the building's observation deck to experience the unforgettable views of the city. Designed by Shreve, Lamb & Harmon and completed in 1931, a lot of the building's cultural significance lies within its great history. A sign of hope and optimism during the Great Depression, it was built in record time and became the tallest building in the world, a title it retained for almost 40 years.

The Empire State Building also embodies the refinement and evolution of steel construction and technological prowess, though its design and construction faced many technical problems at the time. But a spirit of innovation and determination prevailed, and the building has taken its place in architectural and cultural history as a symbol of power and grandeur.





The Creation of an Icon

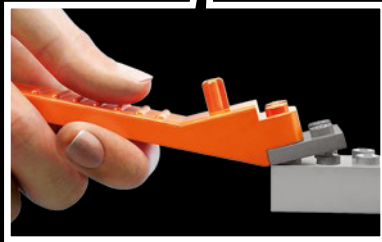
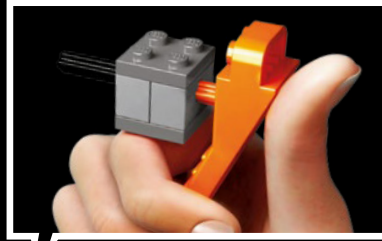
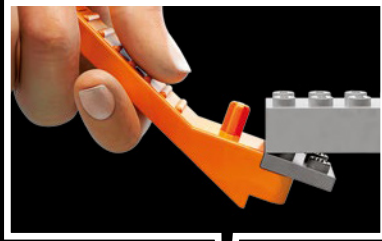
Originally agricultural land, the prominent Astor family bought the area in 1827 and built the Waldorf-Astoria hotel on the site in the late 1890s. Eventually, businessman John Raskob and former governor Al Smith, who later became part of the Empire State Inc. group of investors, bought and demolished the outdated hotel, and contracted William Lamb to create the building design.

Before the designs were even finished, work started on the building's construction on March 17th, 1930. The pace of construction was phenomenal; with an average construction rate of four and a half stories a week. By September of the same year, 86 stories were built, and the mast was completed by November. The entire construction was finished, and the building officially opened by President Hoover on May 1st, 1931, 45 days ahead of schedule.

A Symbol of New York

After its construction, the Empire State Building became an instant tourist attraction, with visitors coming to see the spectacular views from the observation deck of the “World’s Tallest Building.” It became a National Historic Landmark in 1986 and was added to the National Register of Historic Places the year after. The American Society of Civil Engineers has also named it as one of the Seven Wonders of the Modern World, and in 2007 it was ranked at number one on the list of America’s Favorite Architecture by the American Institute of Architects. Aside from its many accolades and titles, the Empire State Building is a cultural symbol of New York, with starring roles in many movies, from the original King Kong to Sleepless in Seattle.





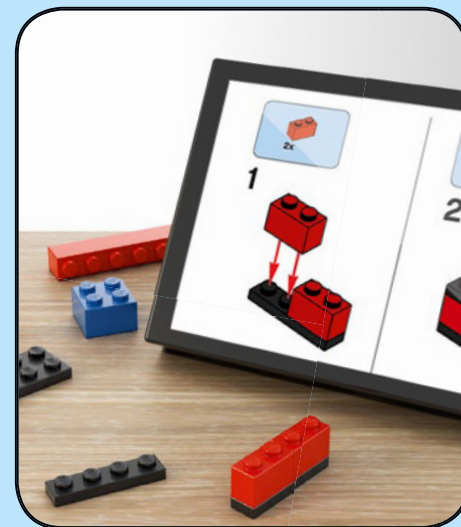
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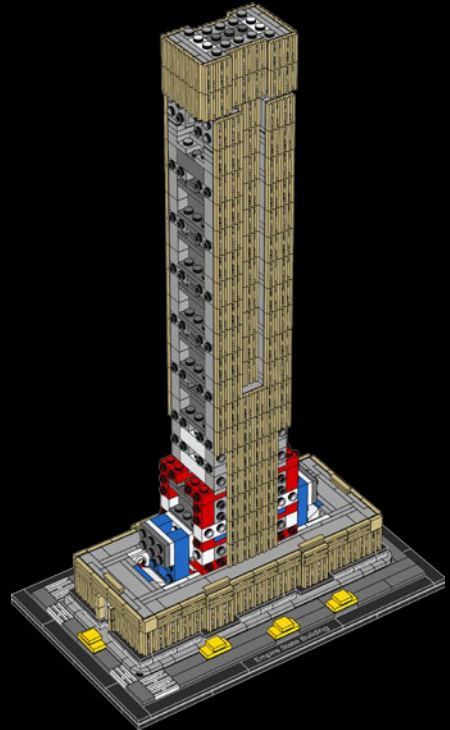
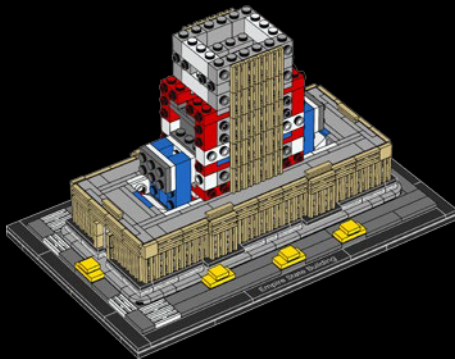
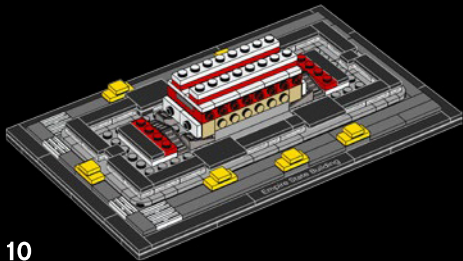


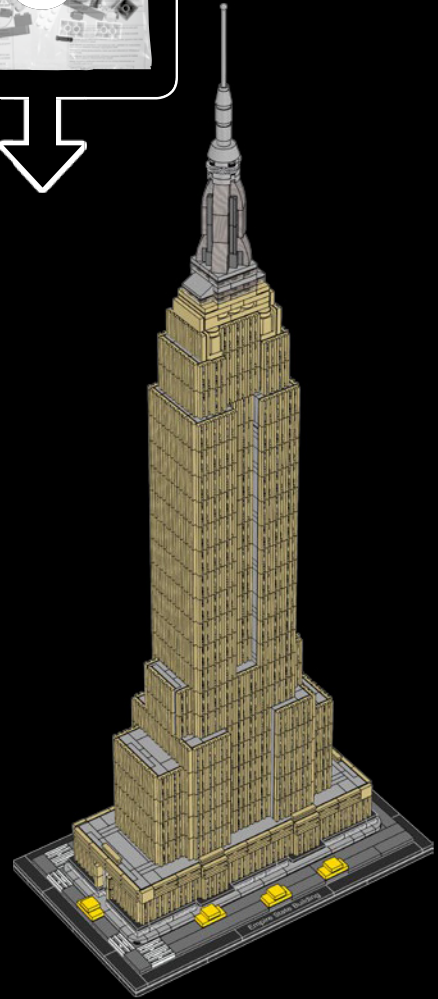
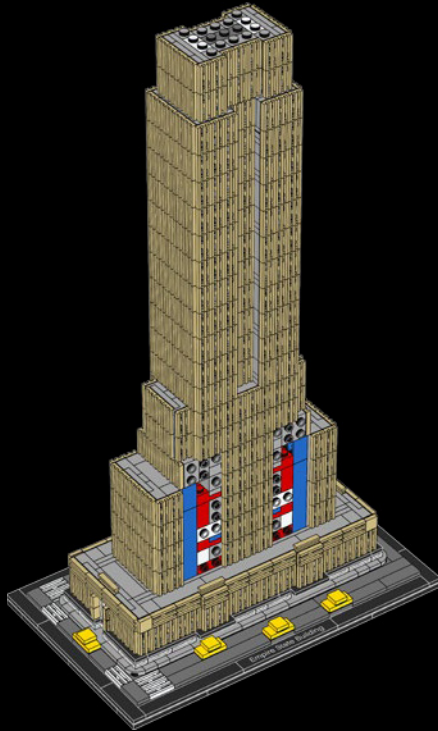
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 Hol dir die Bauanleitung
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 Obtenir les instructions de montage
 Scarica le istruzioni per la
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 Obtém as Instruções de Construção
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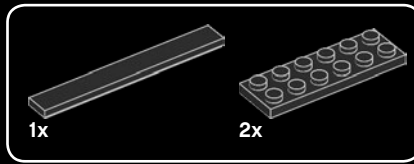
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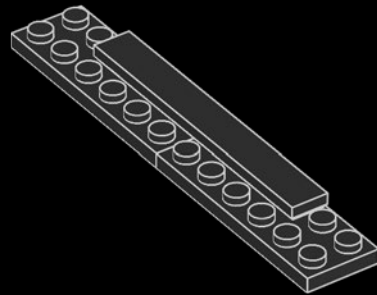
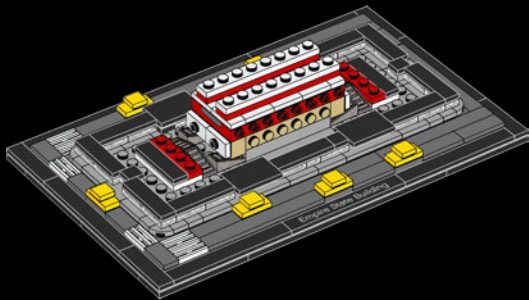
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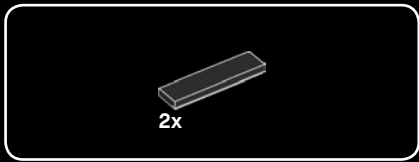




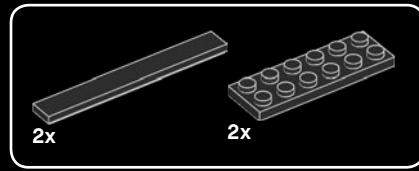
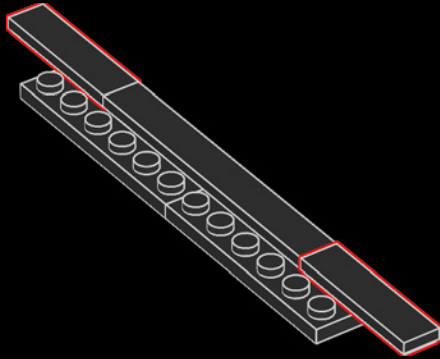


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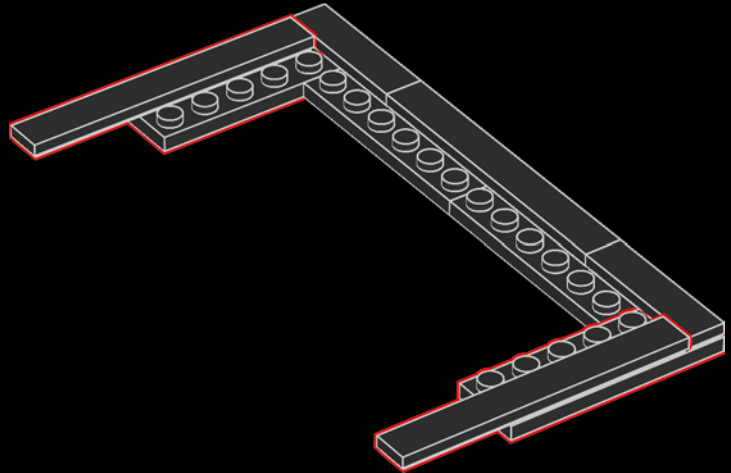


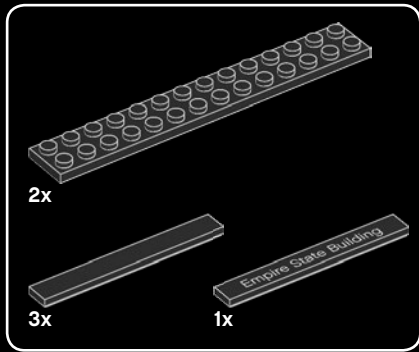


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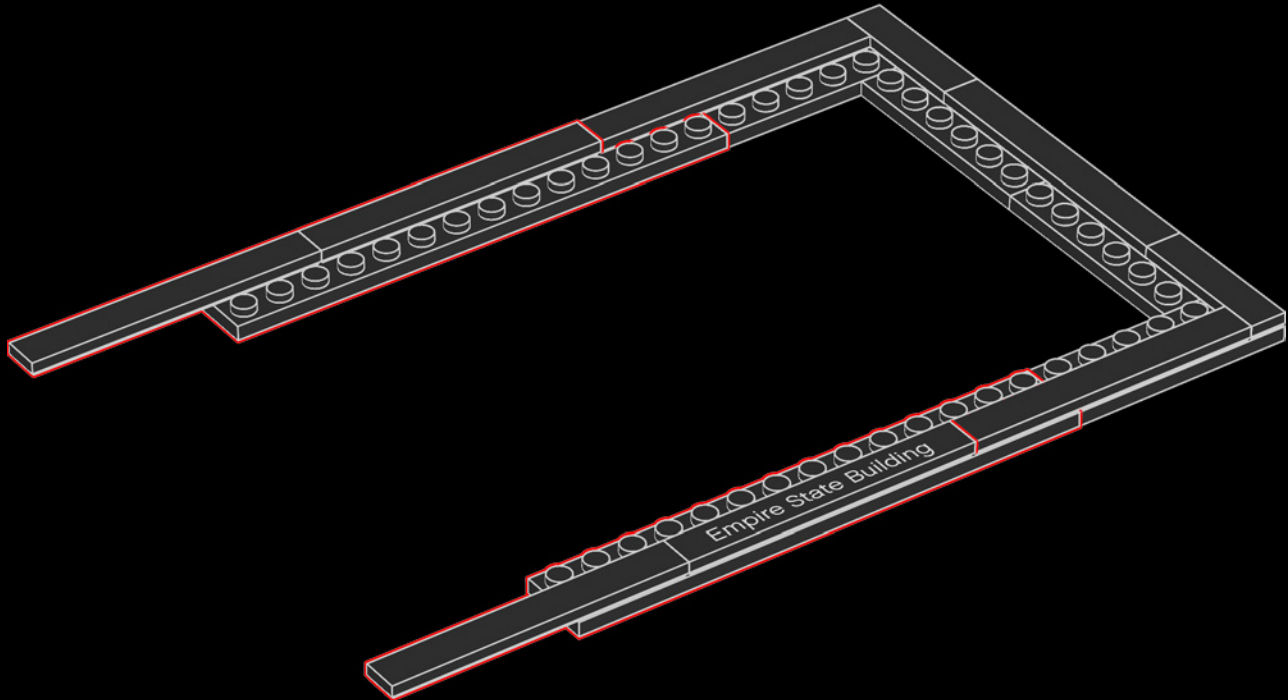


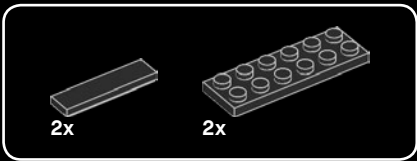
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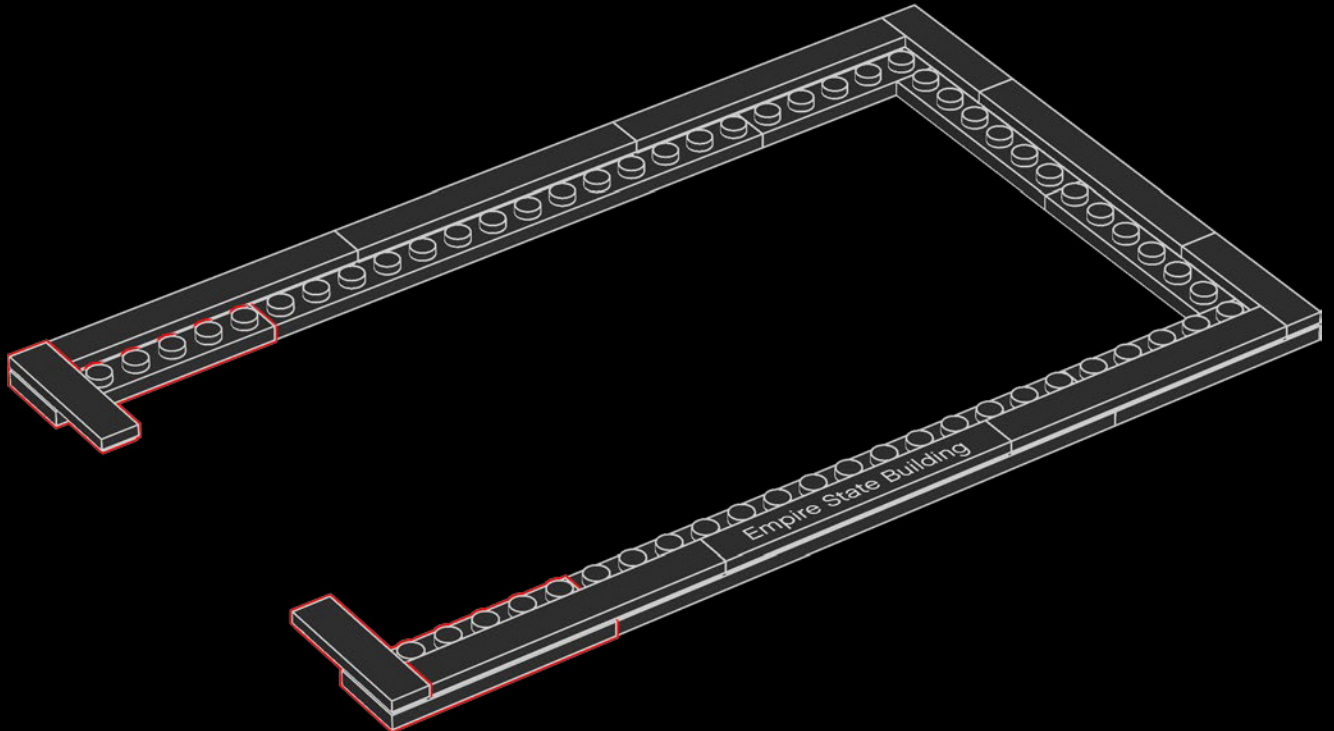


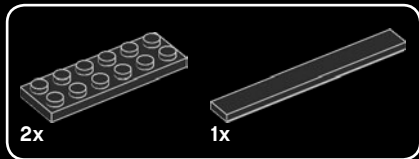
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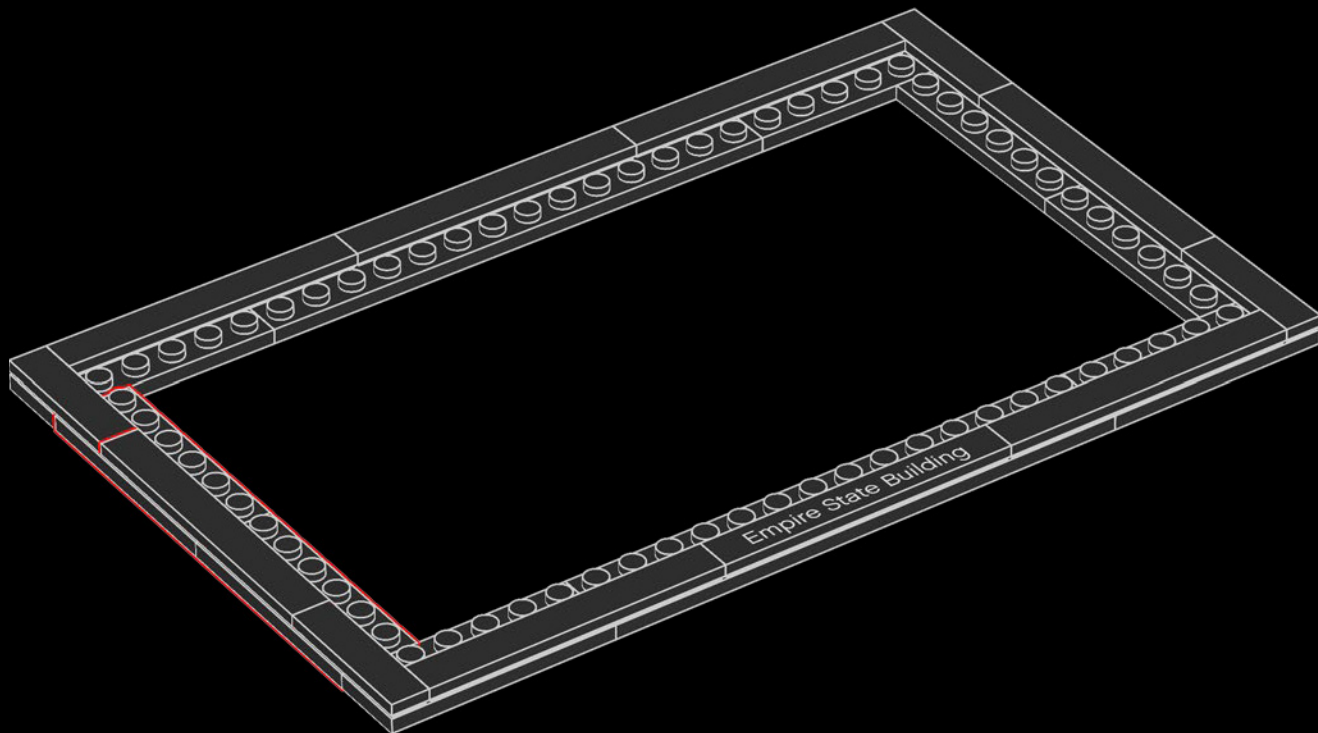


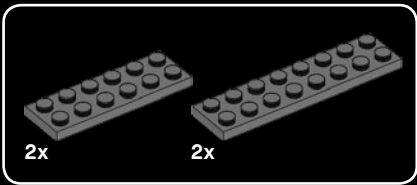
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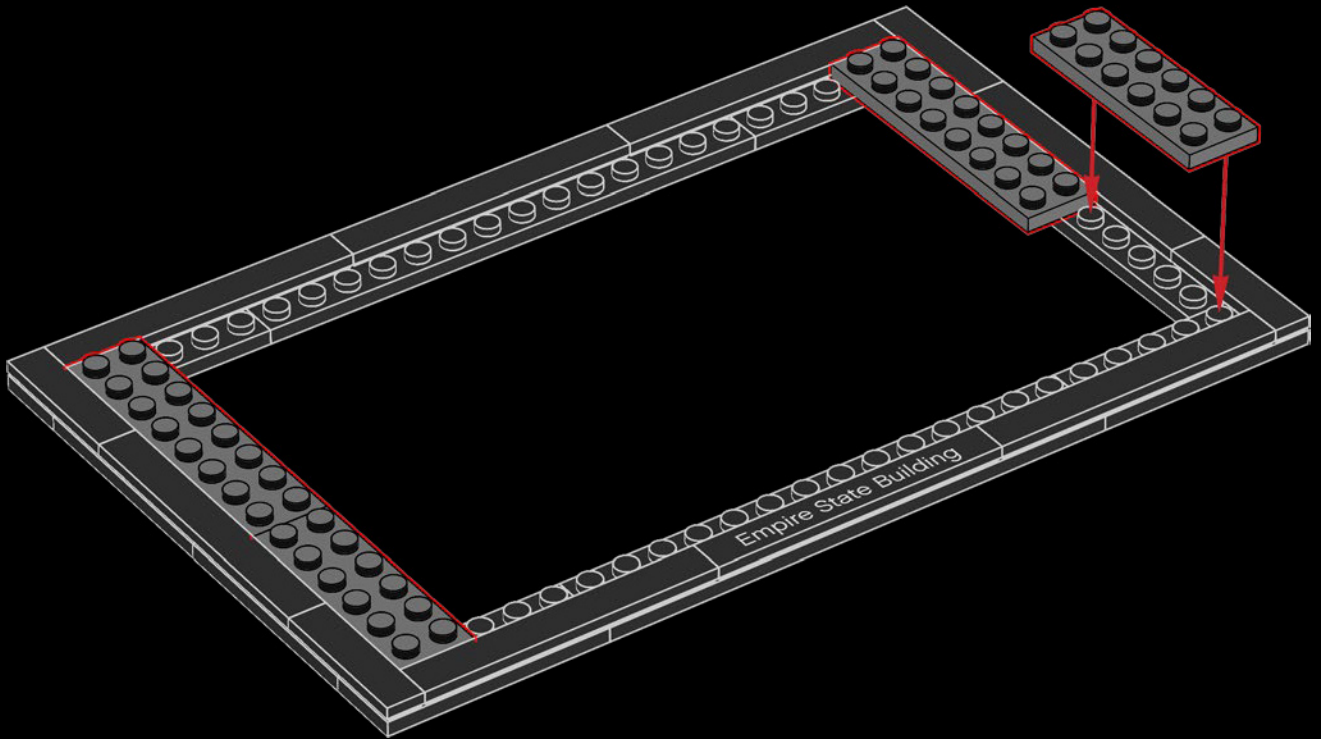


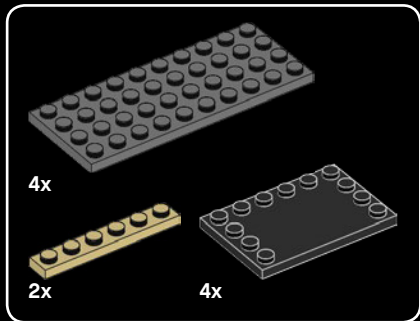
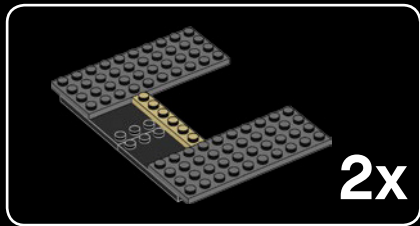
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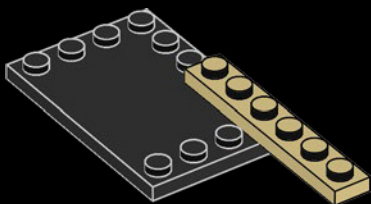
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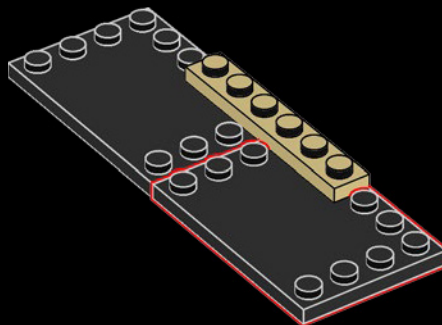


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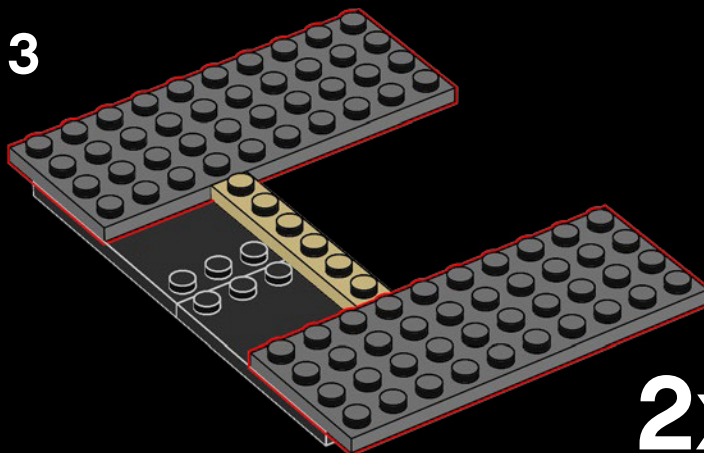
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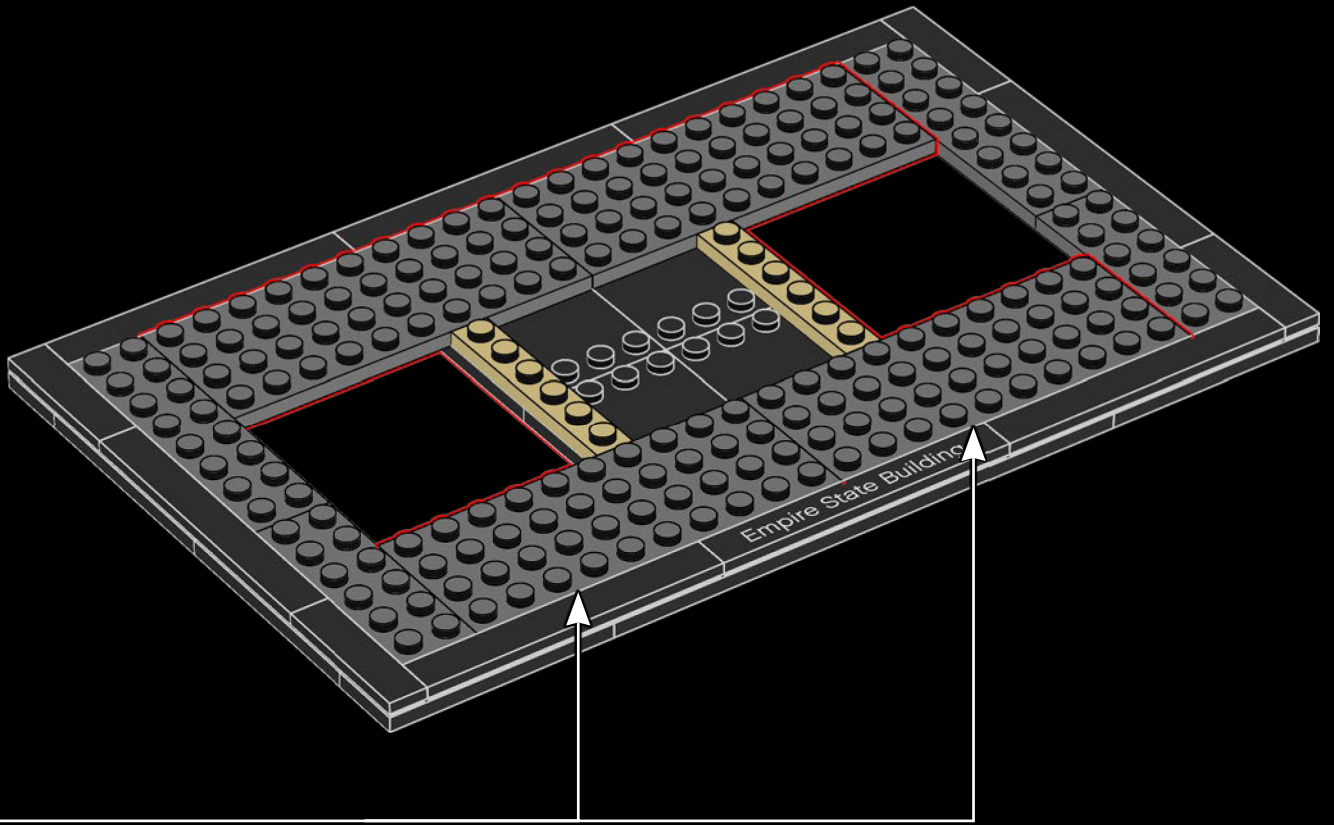


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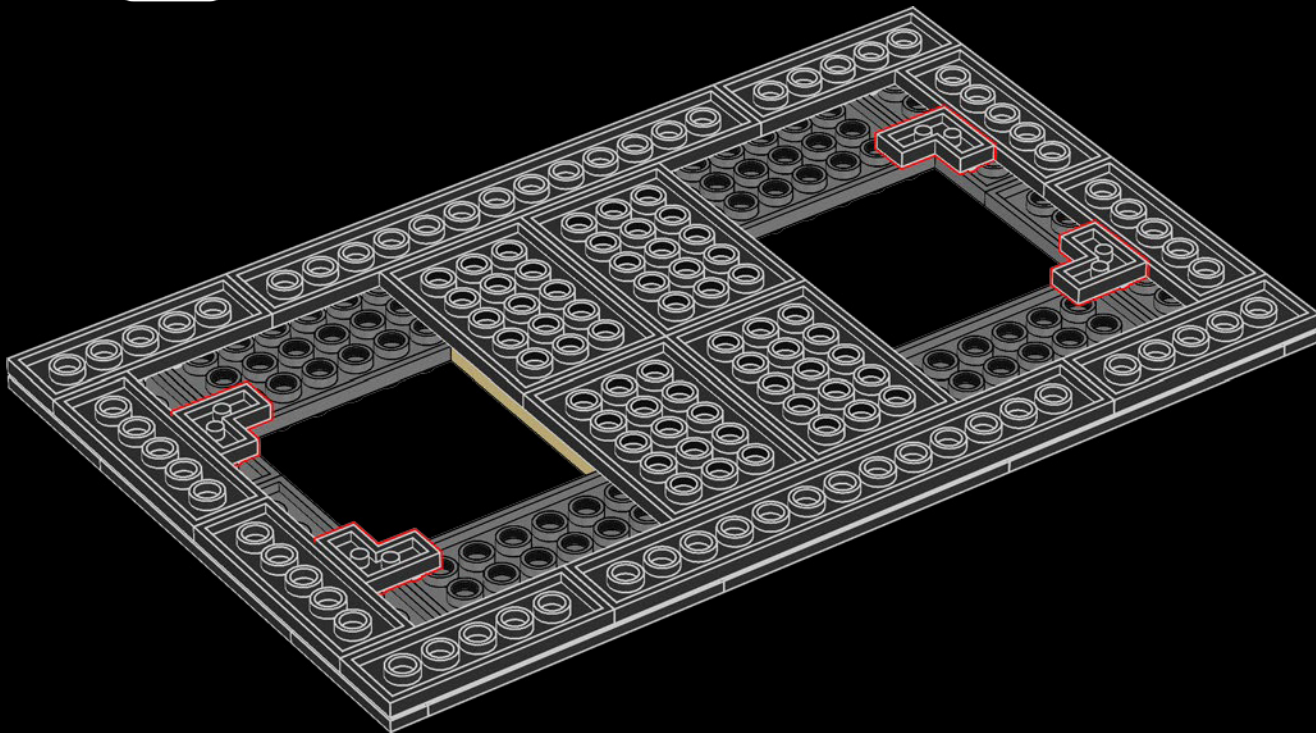


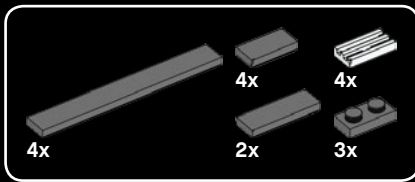




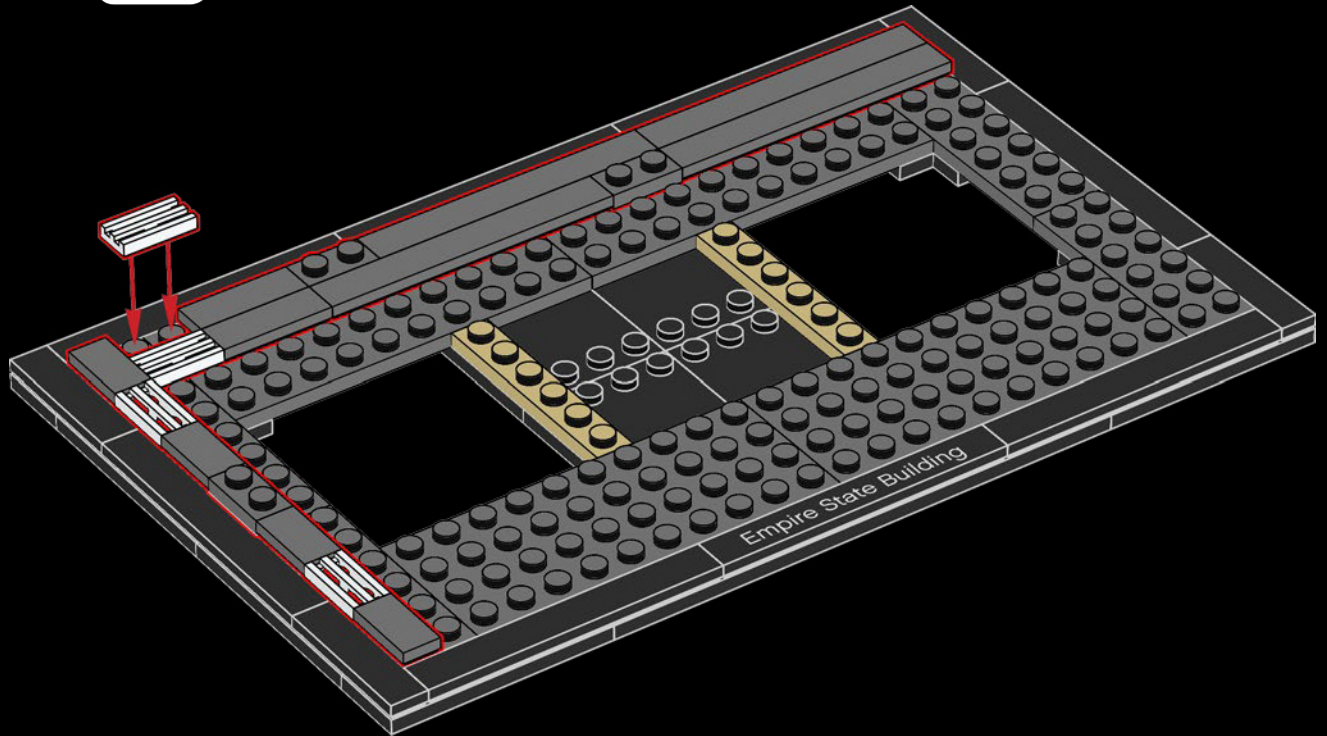
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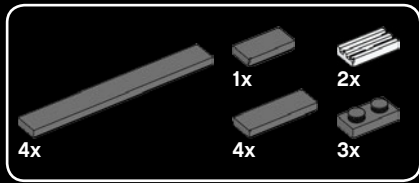
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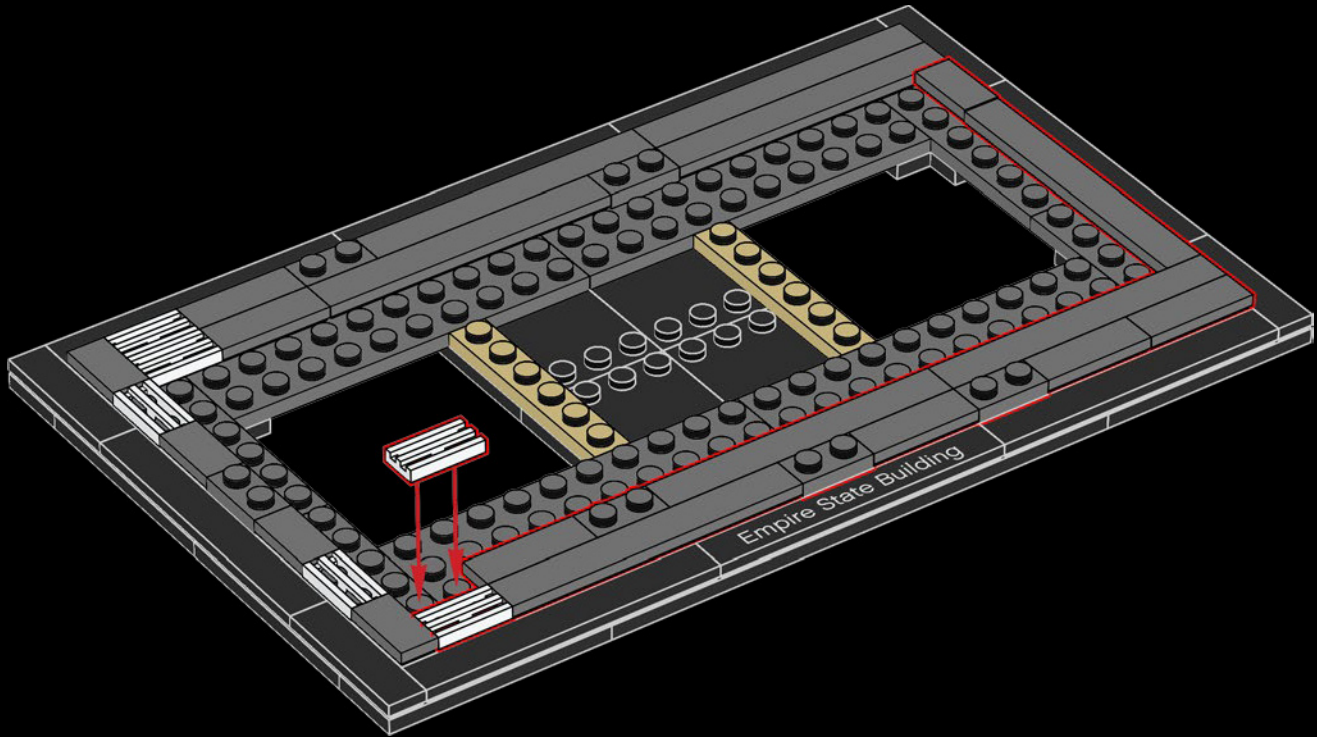


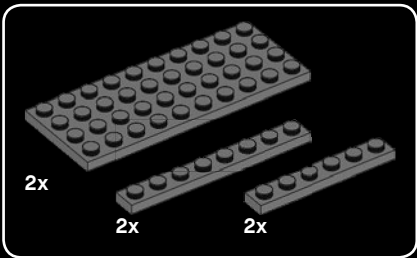
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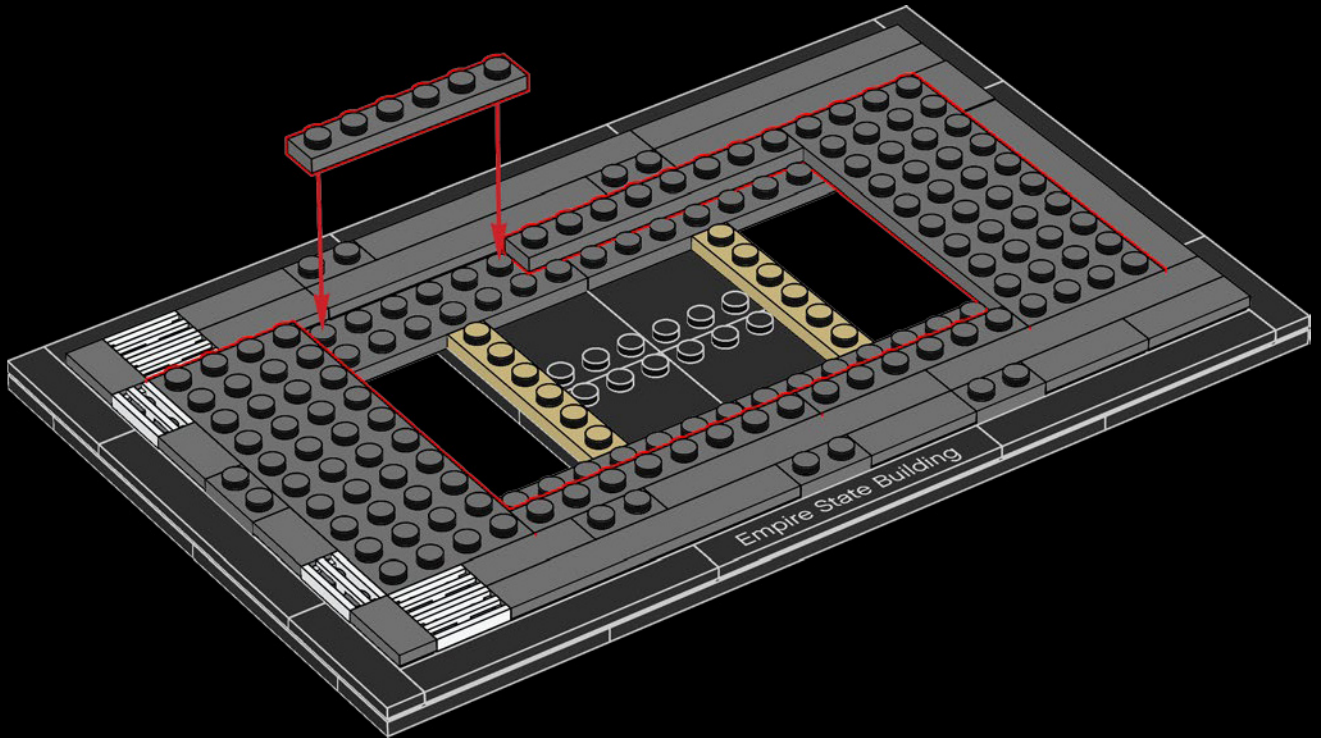


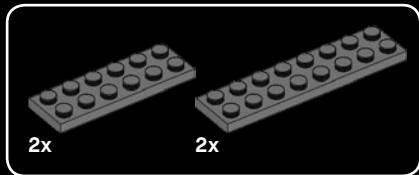
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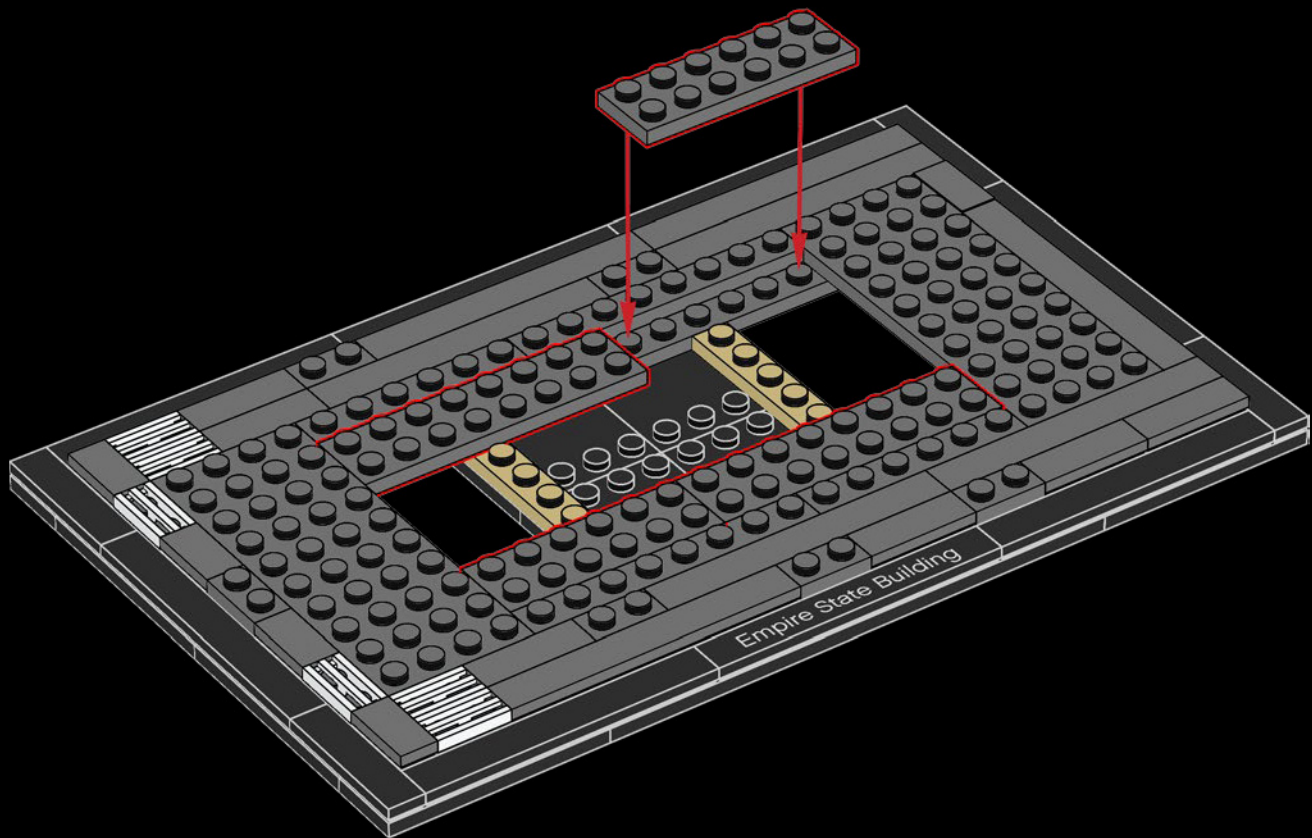


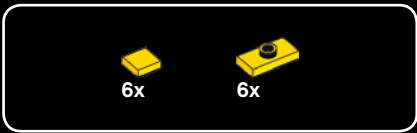
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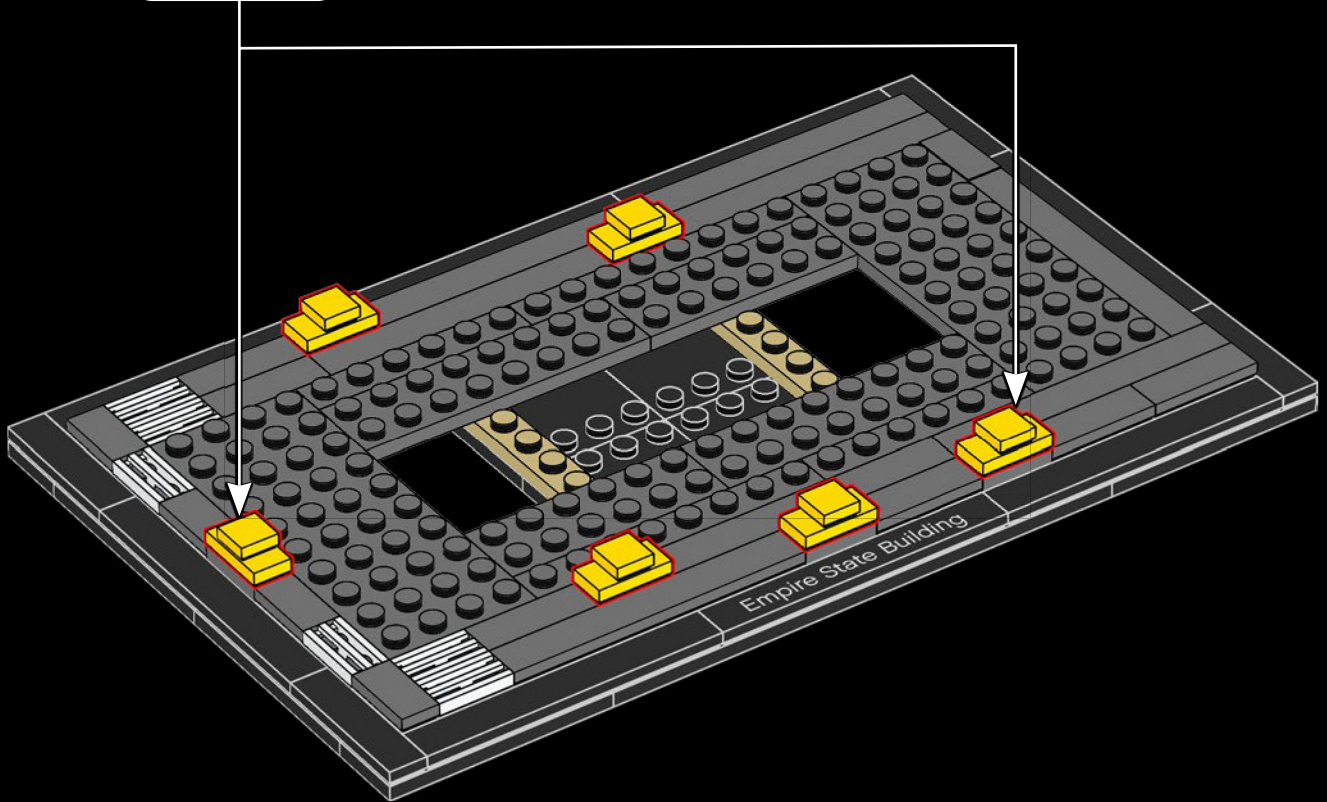
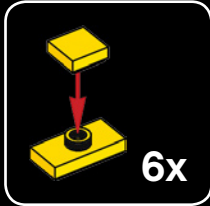


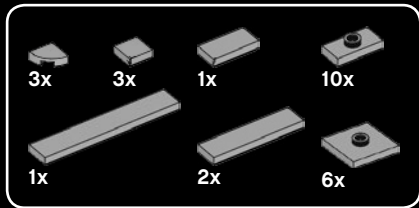
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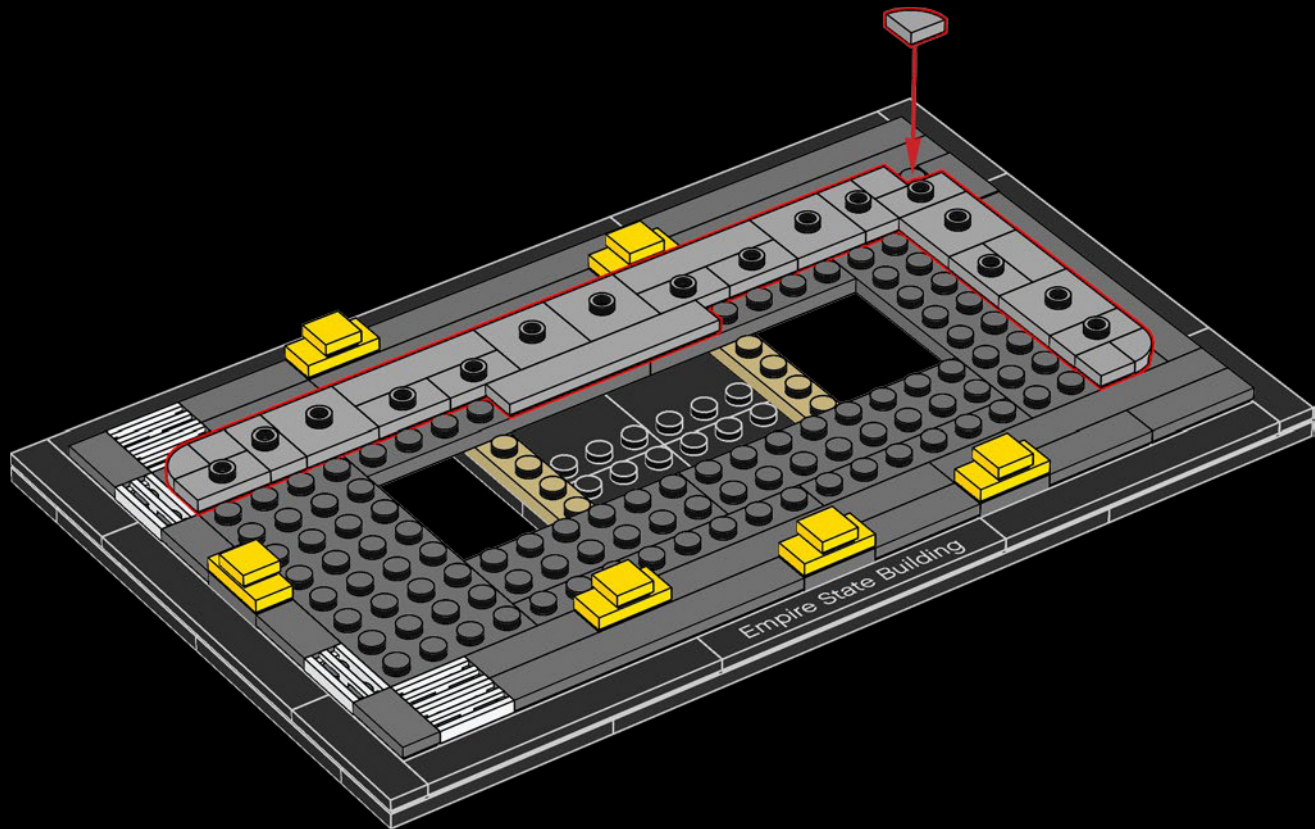


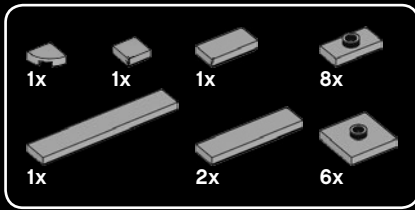
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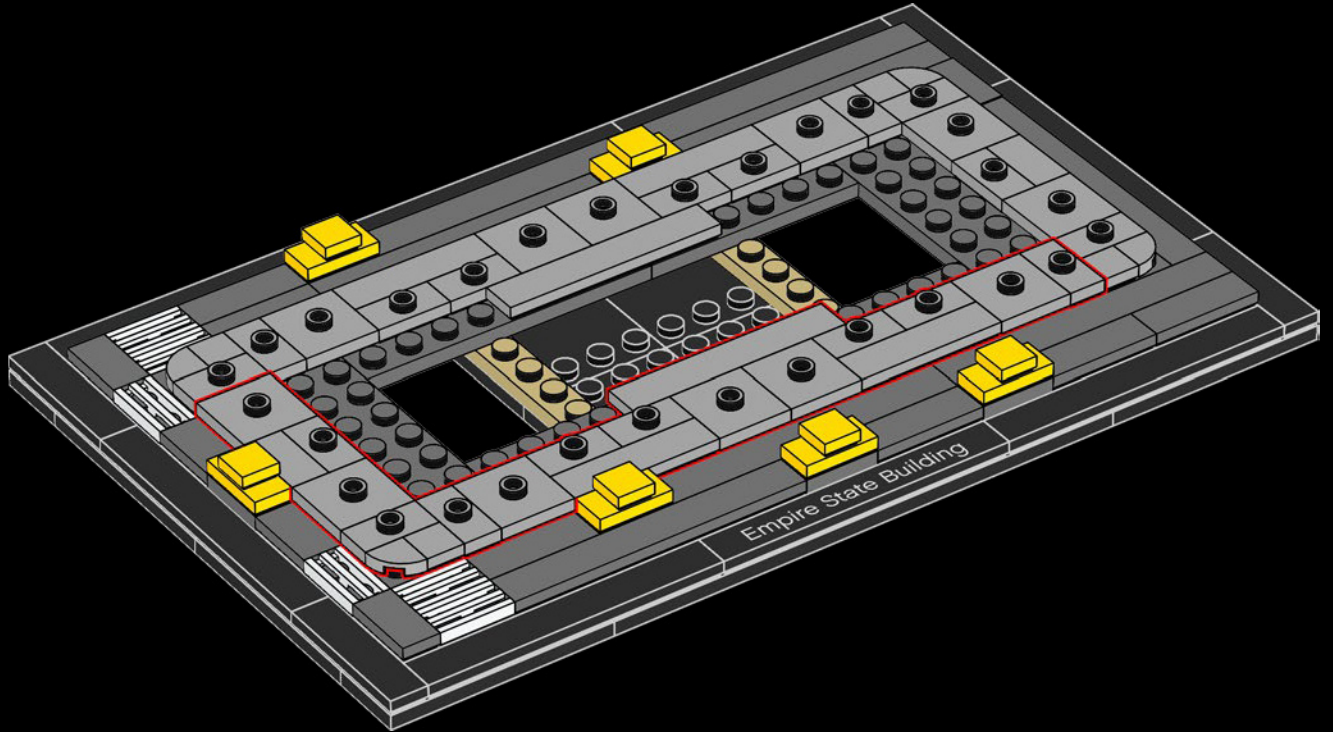


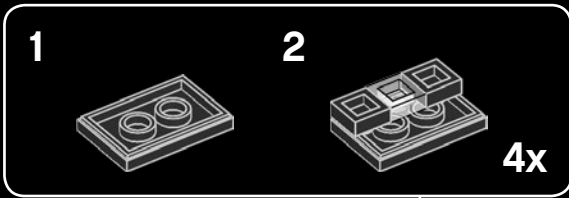
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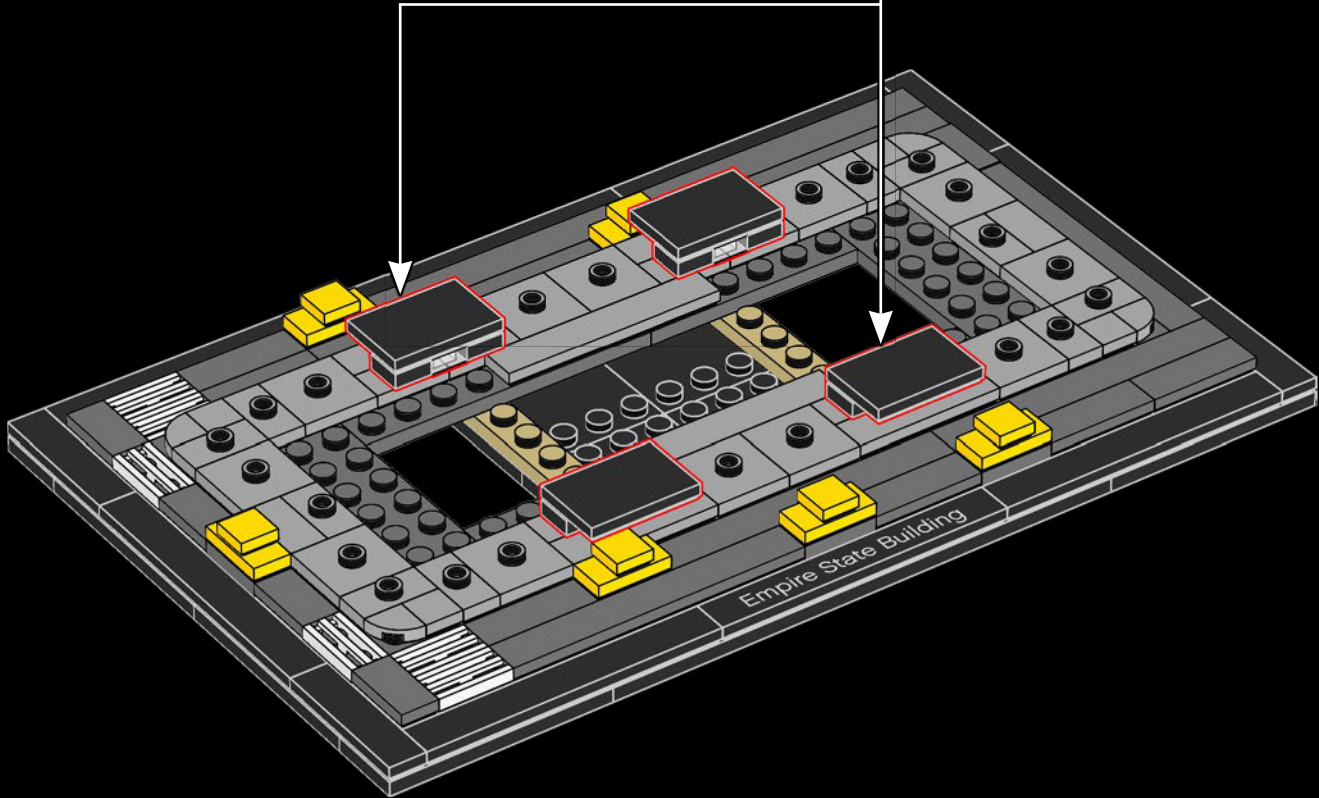


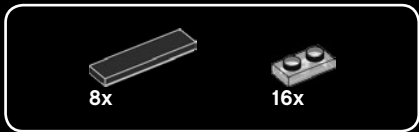
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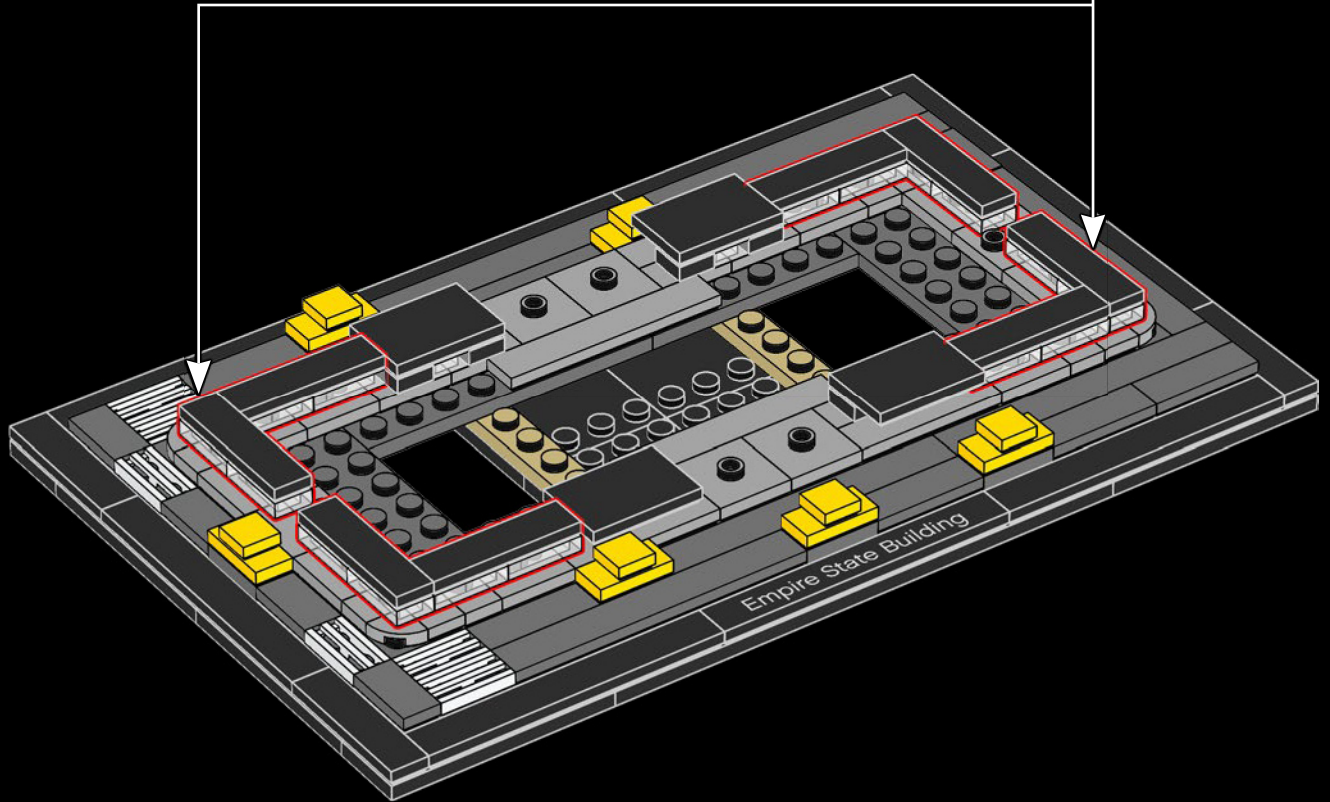
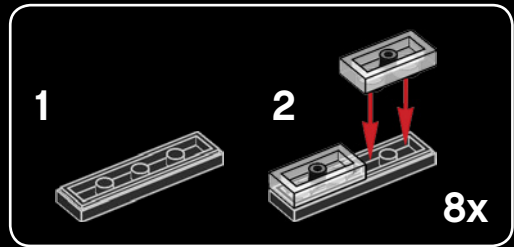


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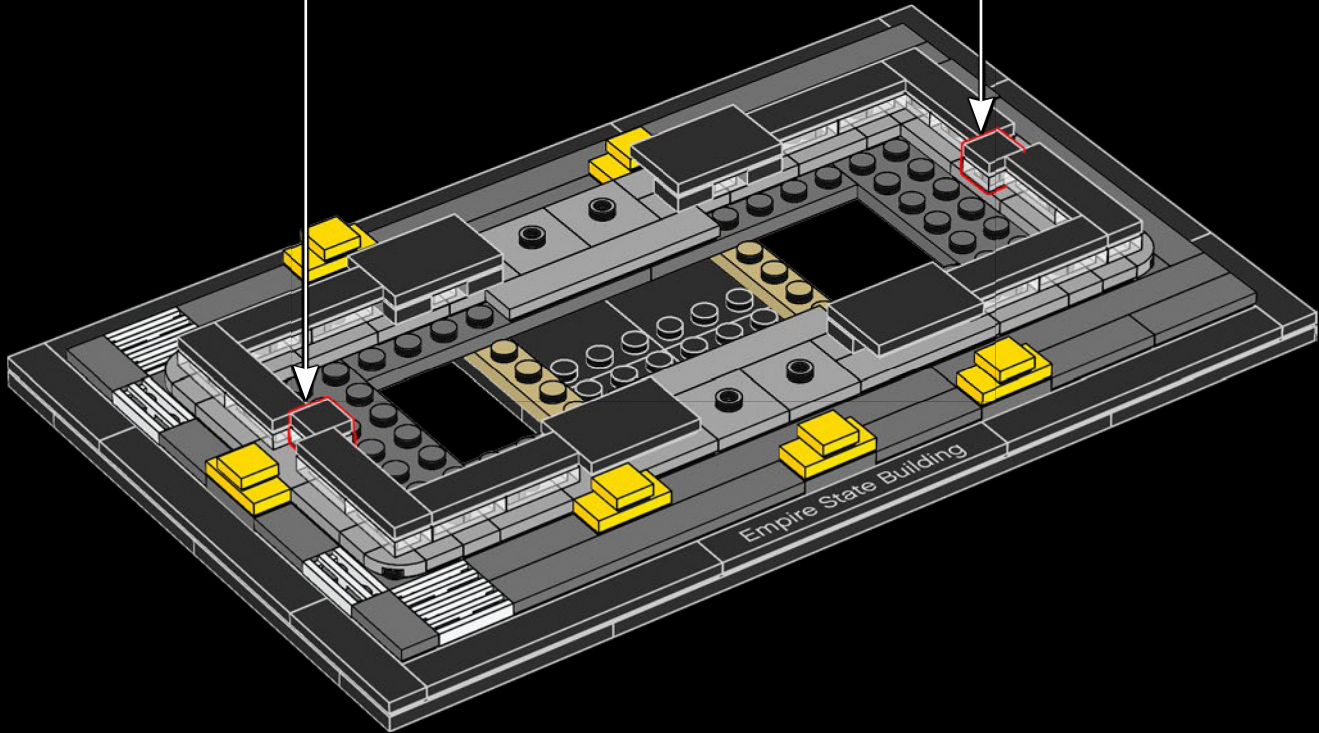
Running parallel to 33rd and 34th Streets, the chapel-like, three-story-high lobby has storefronts on its north and south sides.



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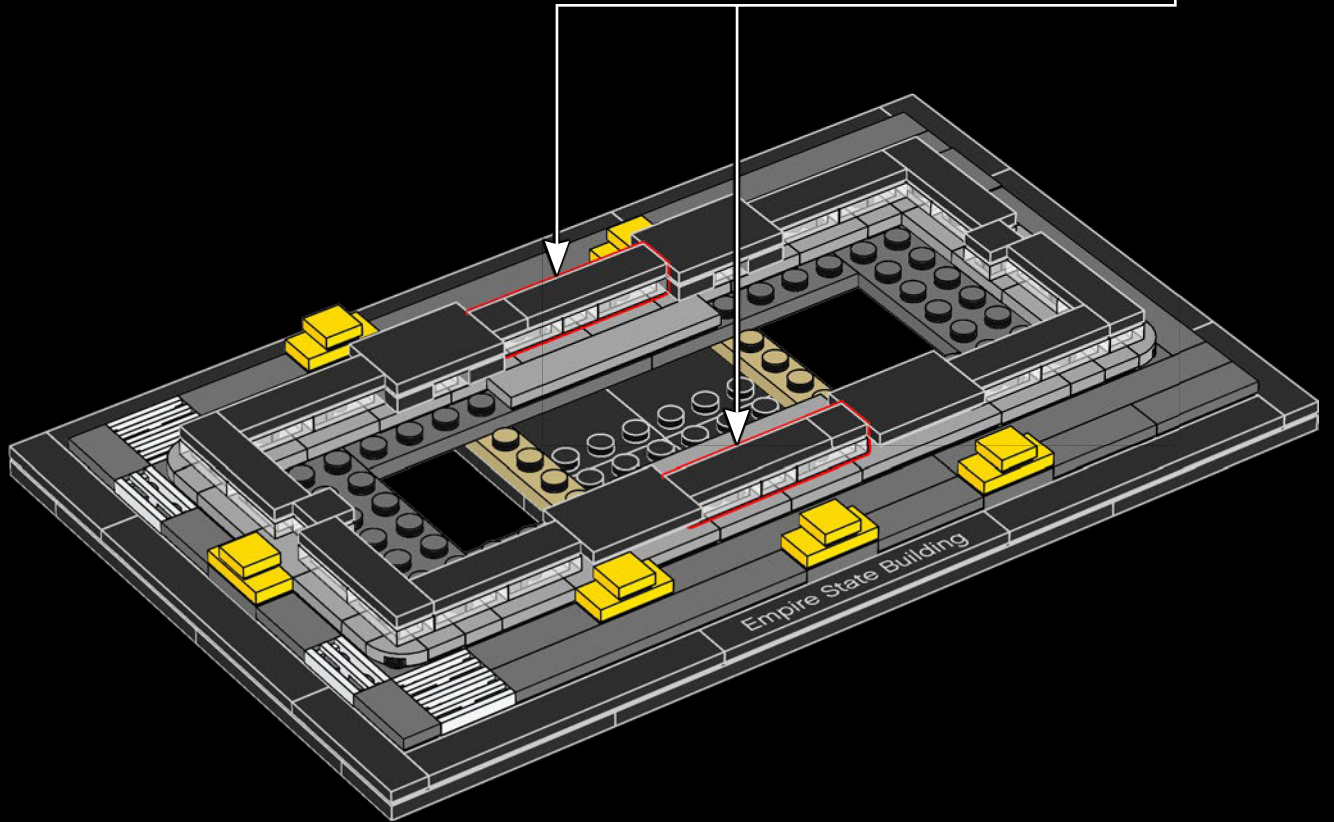
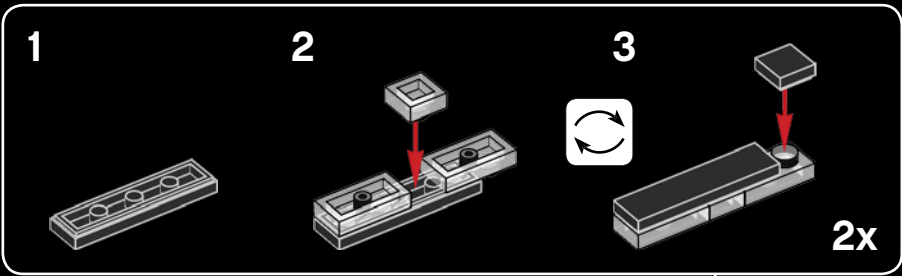


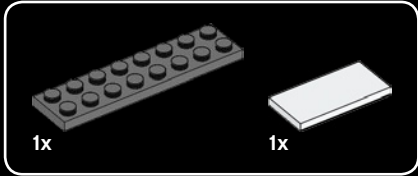
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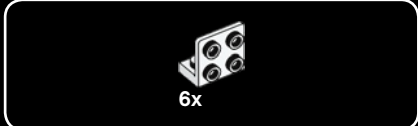
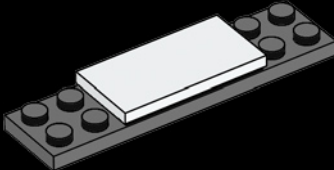


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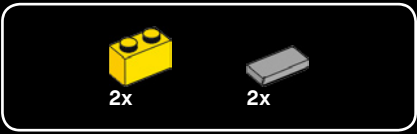
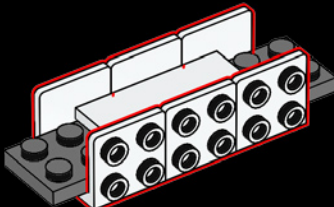




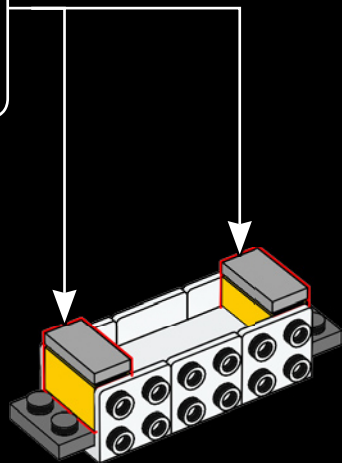
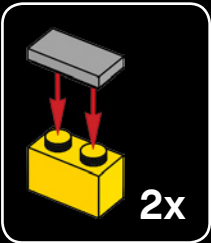
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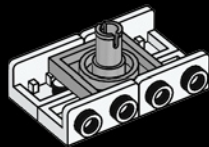
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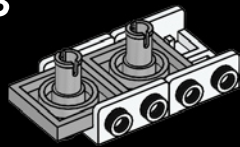
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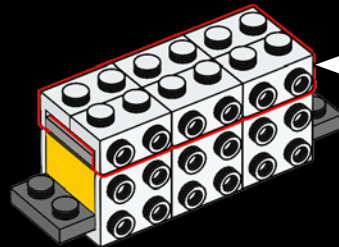
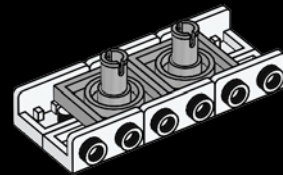
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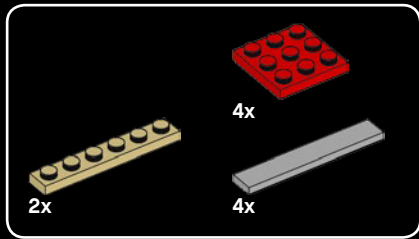


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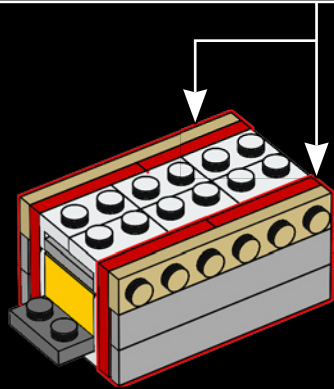
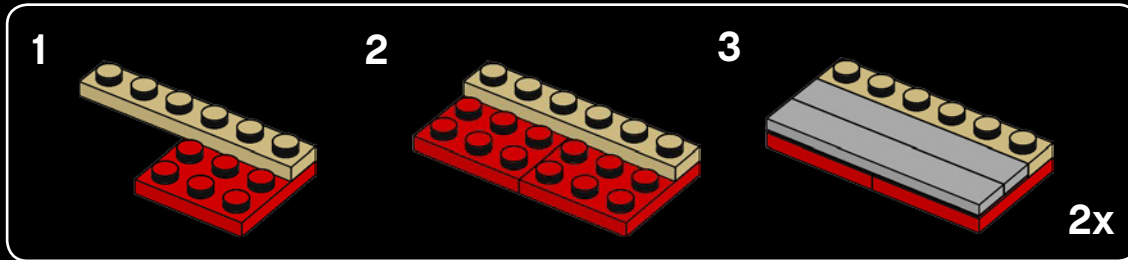


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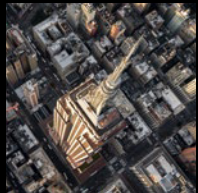




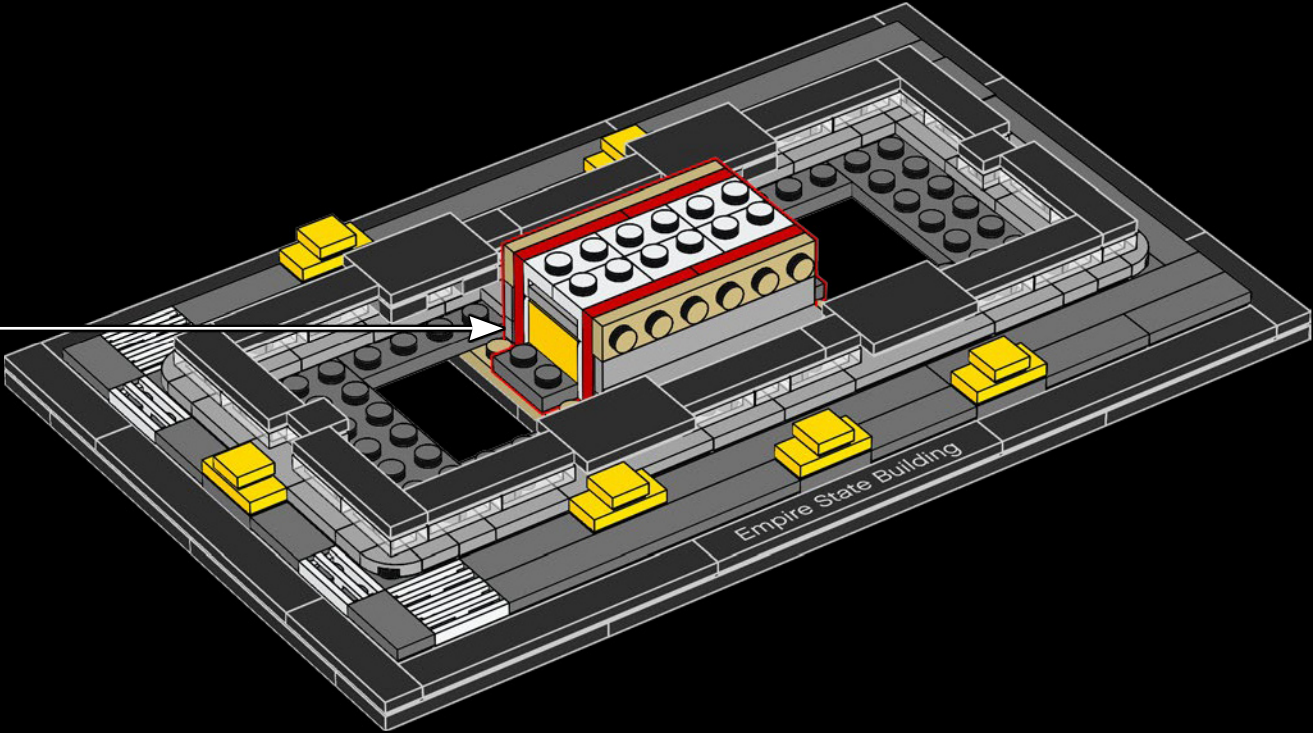
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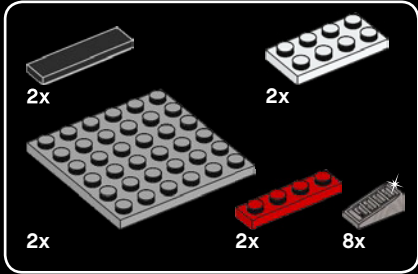


The Empire State Building has 68 modernized, high-speed elevators that transport passengers to their destinations up to 20-40% faster than conventional elevators in other modern commercial buildings. Using regenerated energy, as one elevator descends, the energy created powers the ascending elevators.



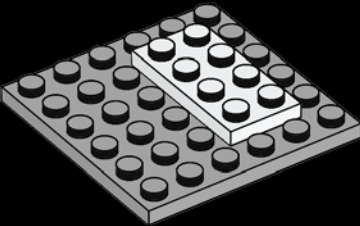
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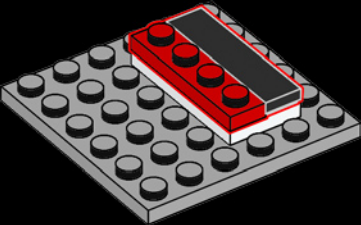


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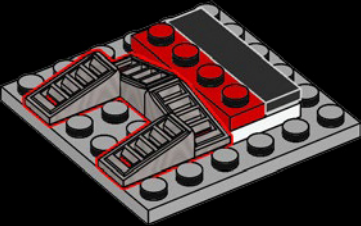
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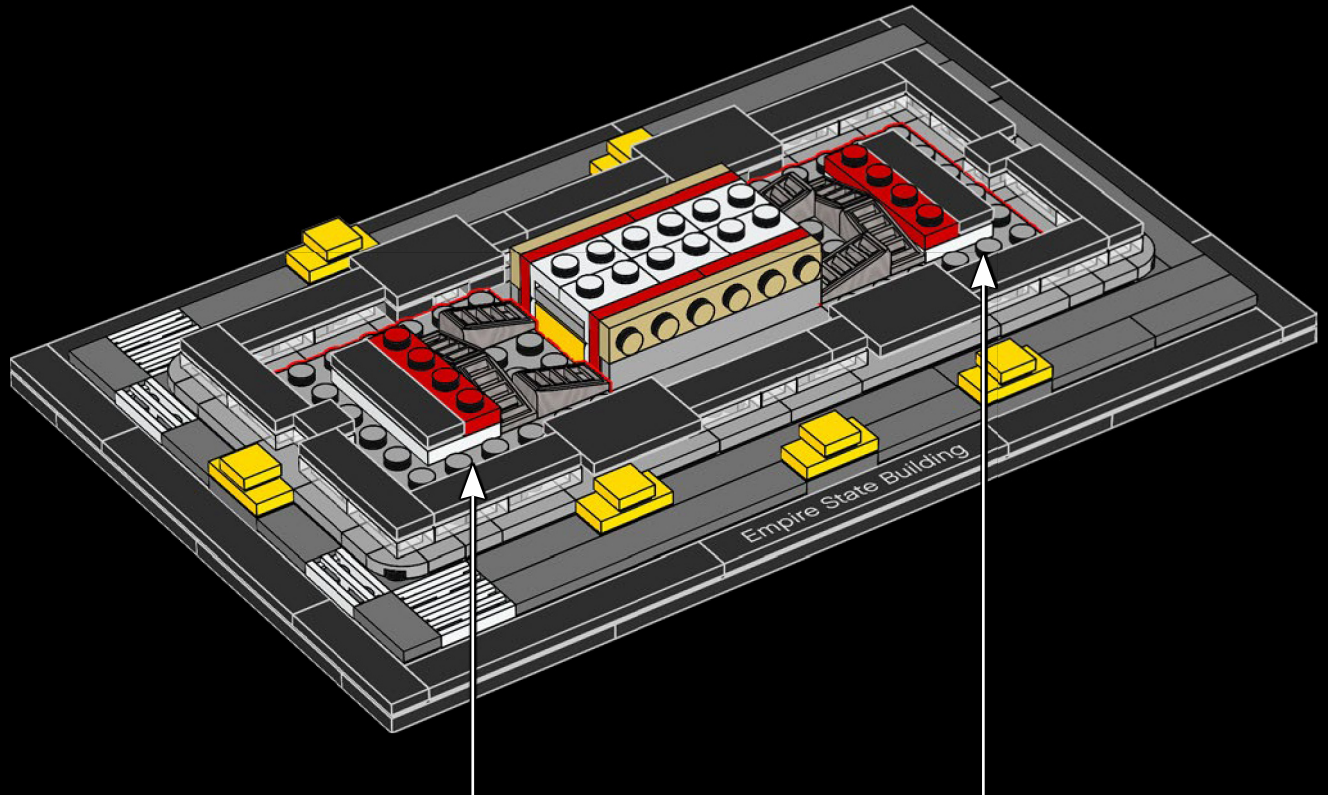
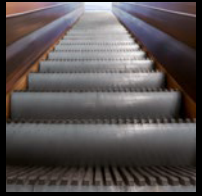
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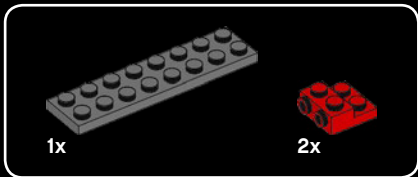
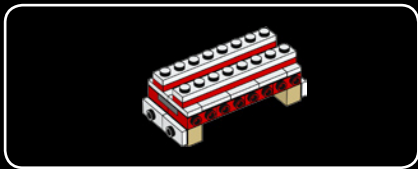


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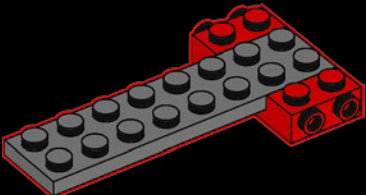


There are eight high-speed escalators in the building's
concourse and second floor areas.

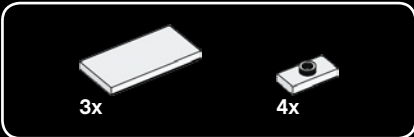
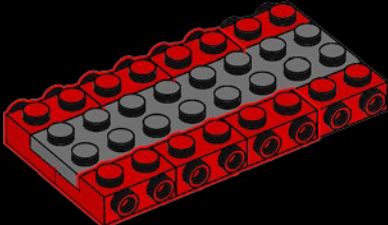




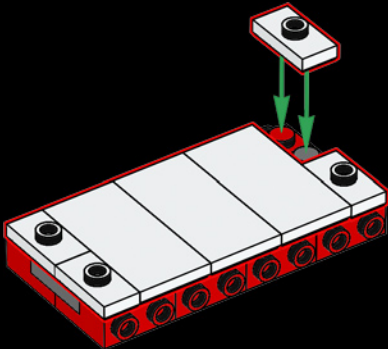
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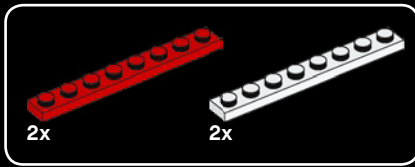


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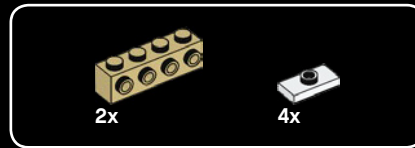
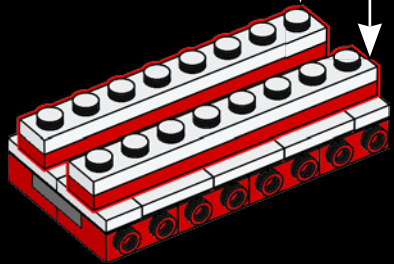
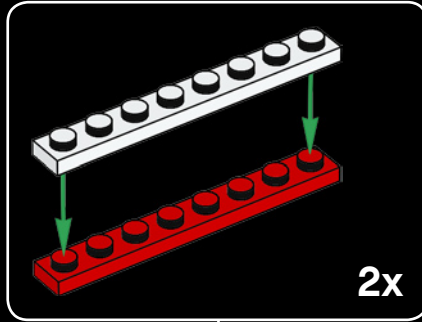


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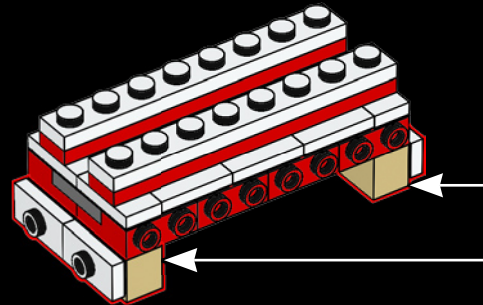
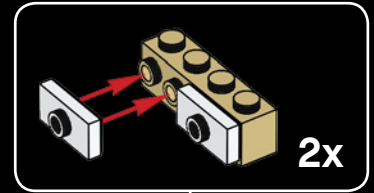




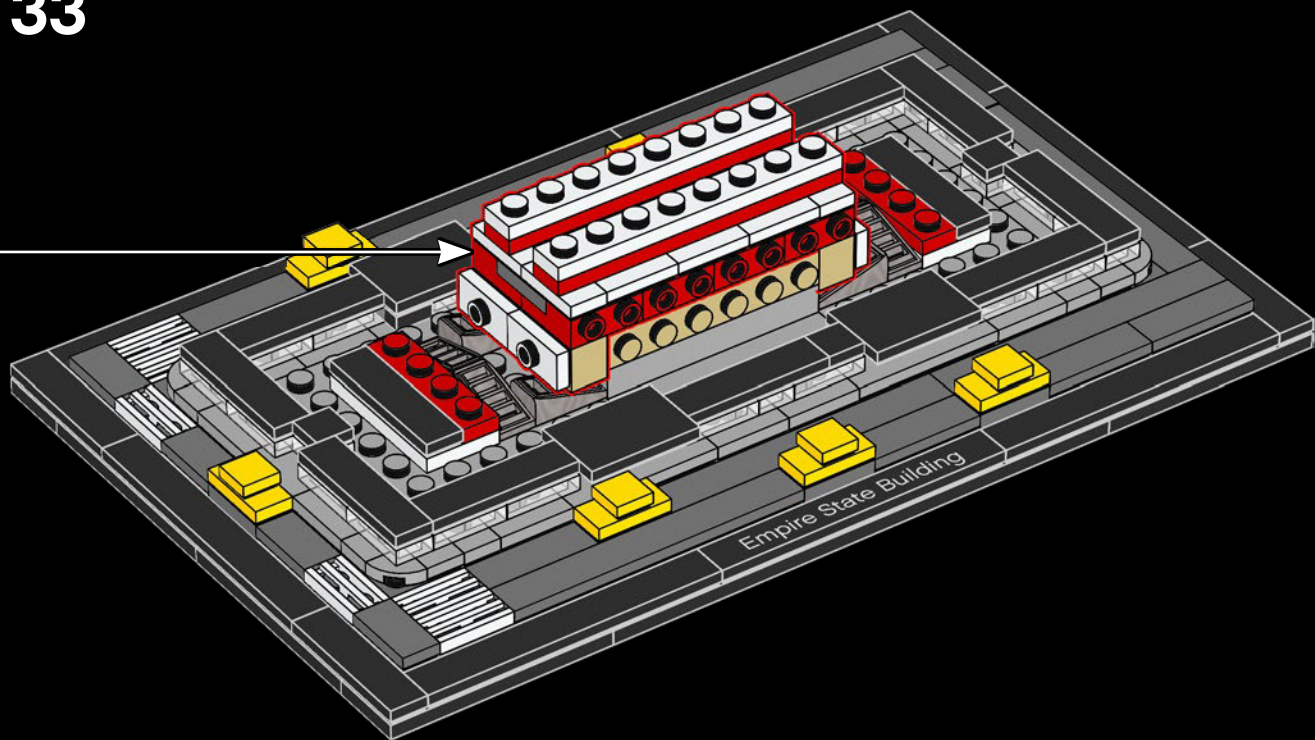
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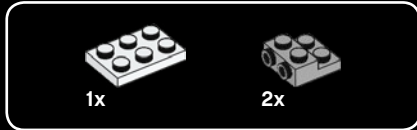
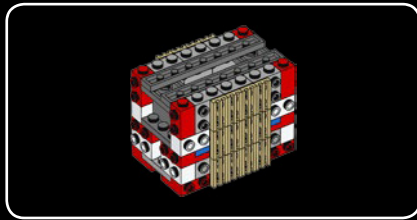
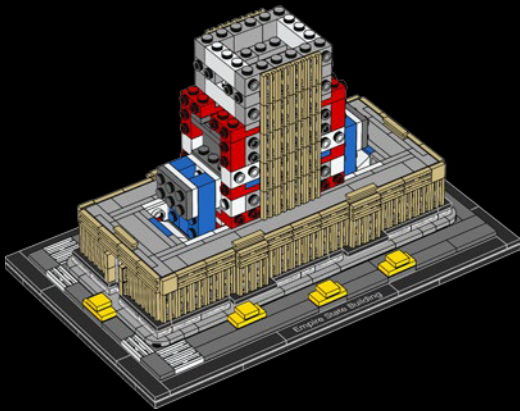
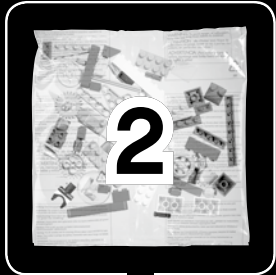


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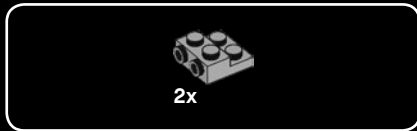
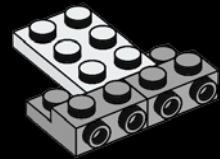


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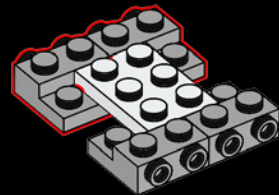




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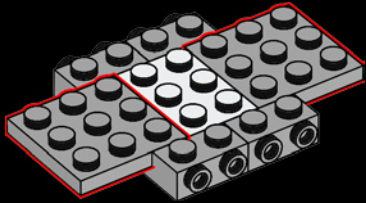
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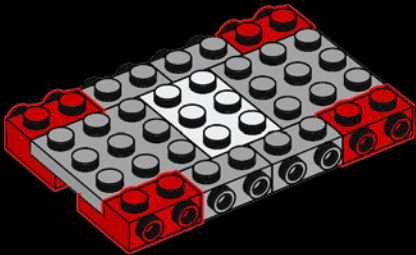
2x

36



4x

37

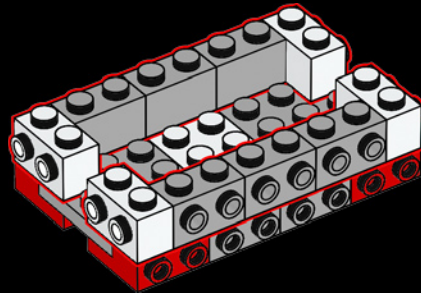


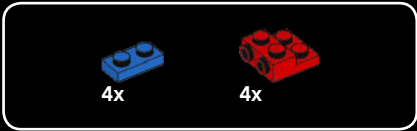
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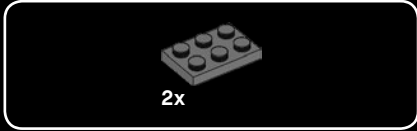
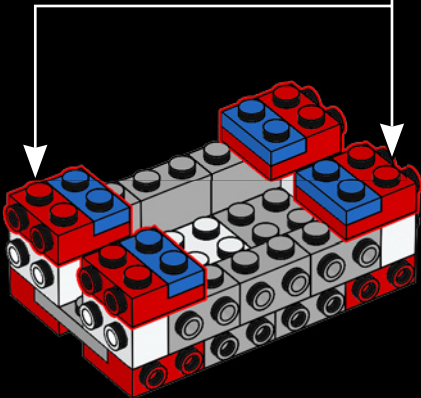
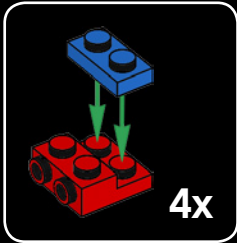
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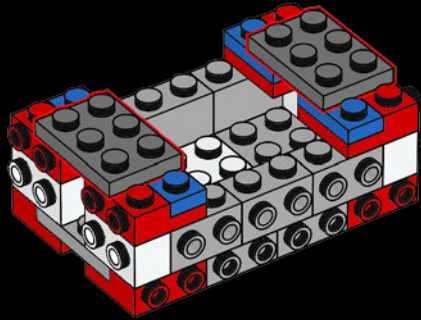




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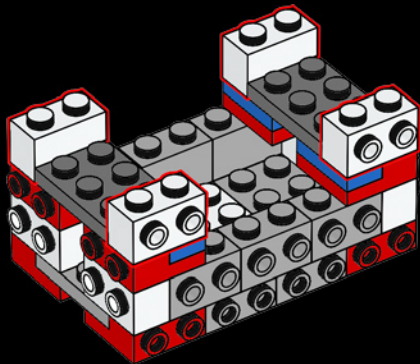
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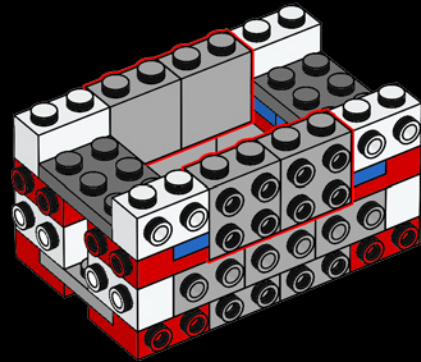
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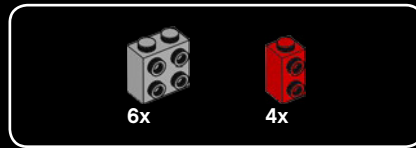
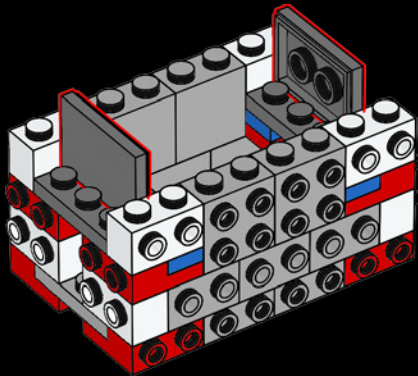
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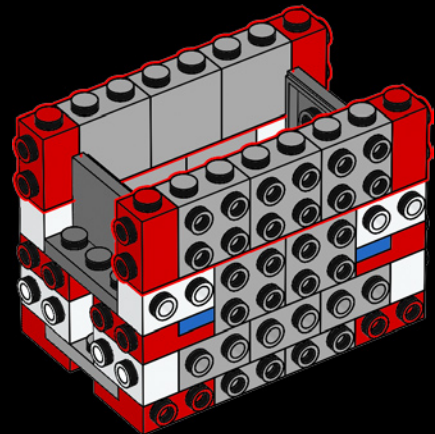


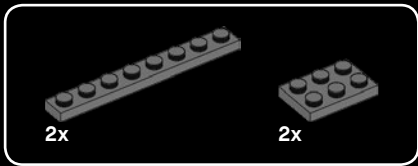


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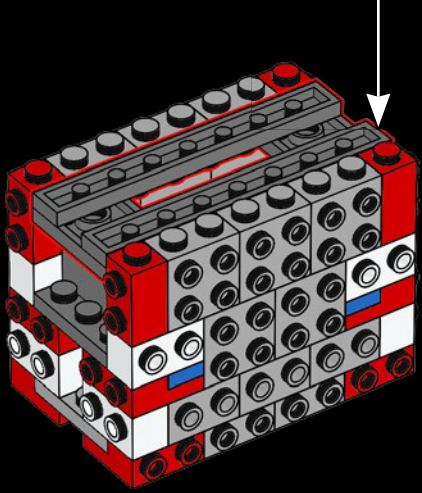
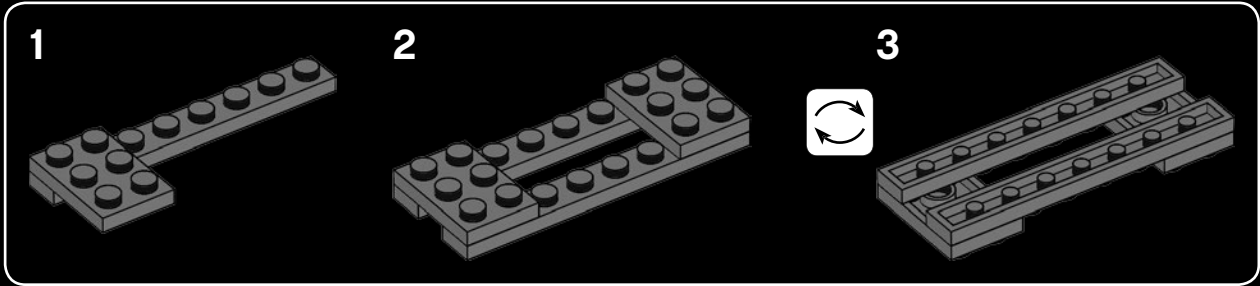


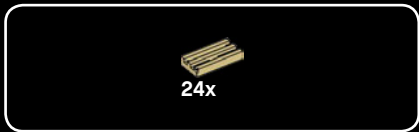
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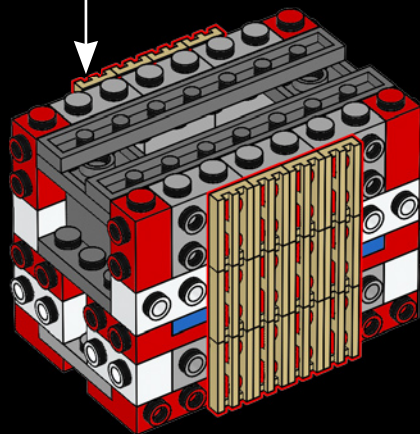


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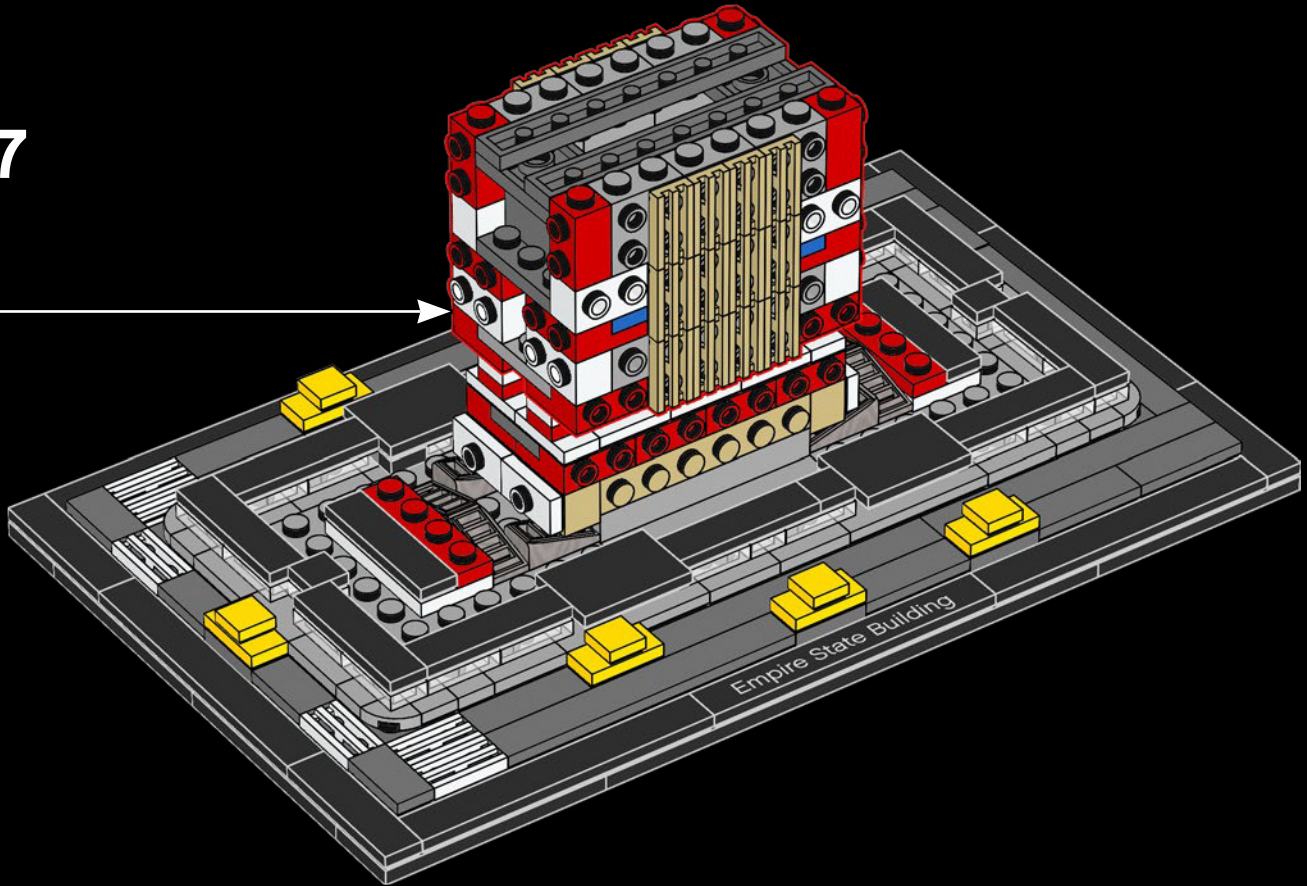




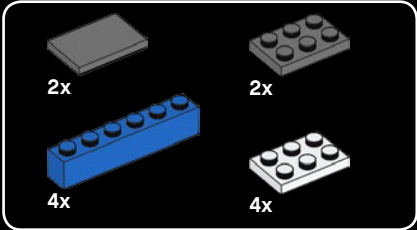
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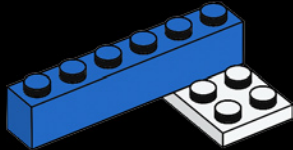


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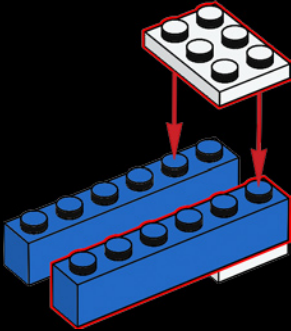


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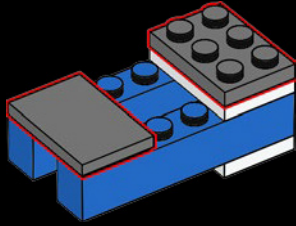
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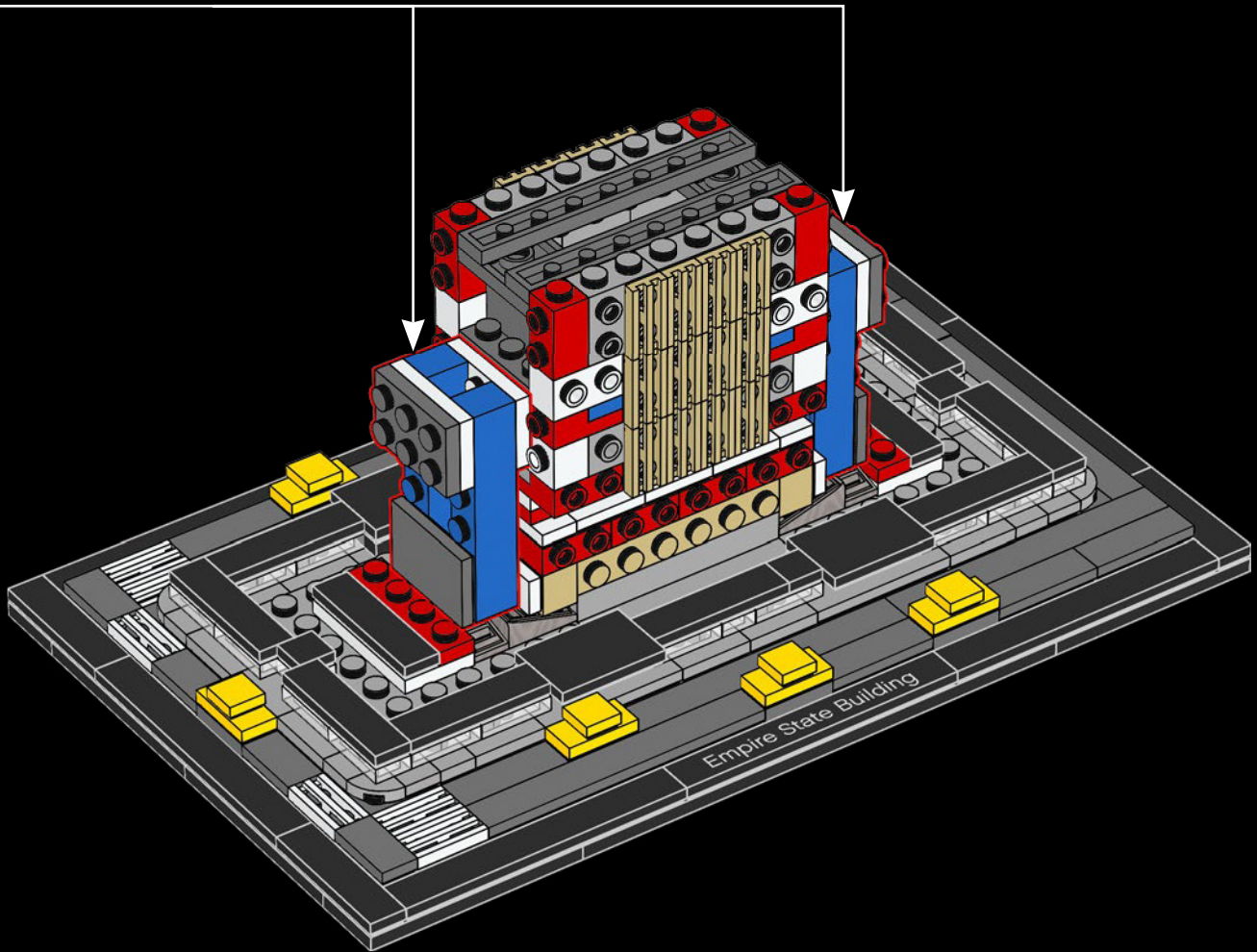
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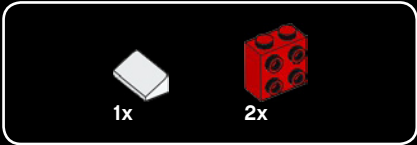
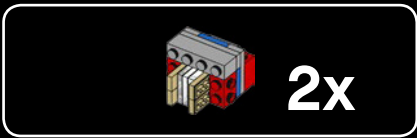


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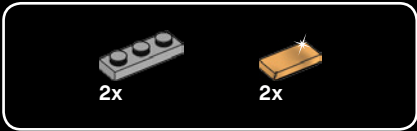
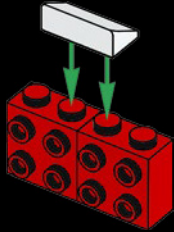


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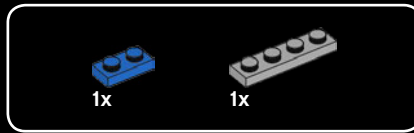
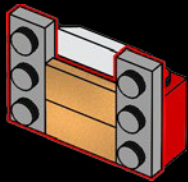




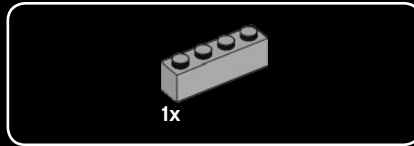
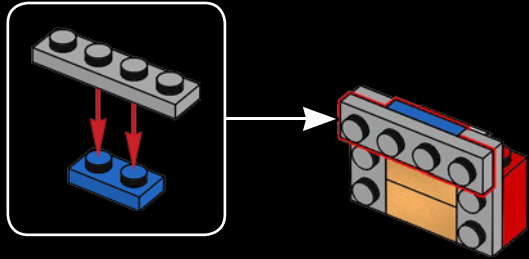
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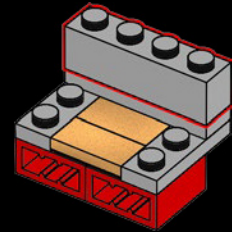
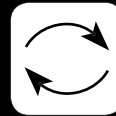
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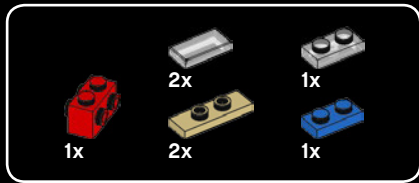


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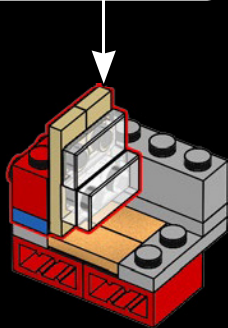
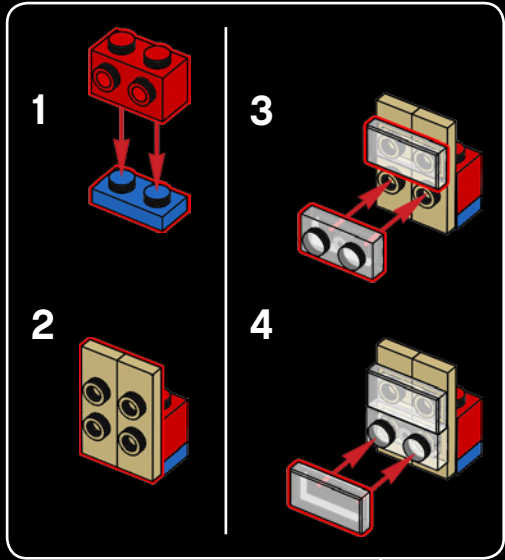


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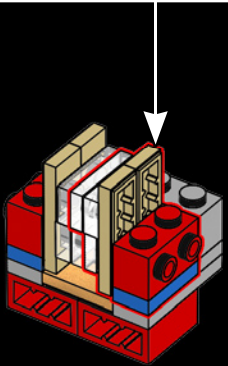
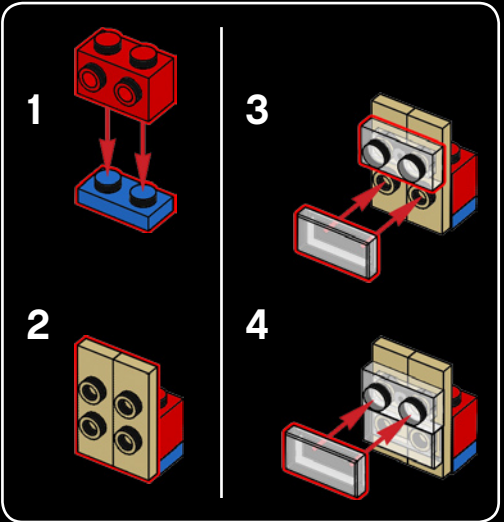




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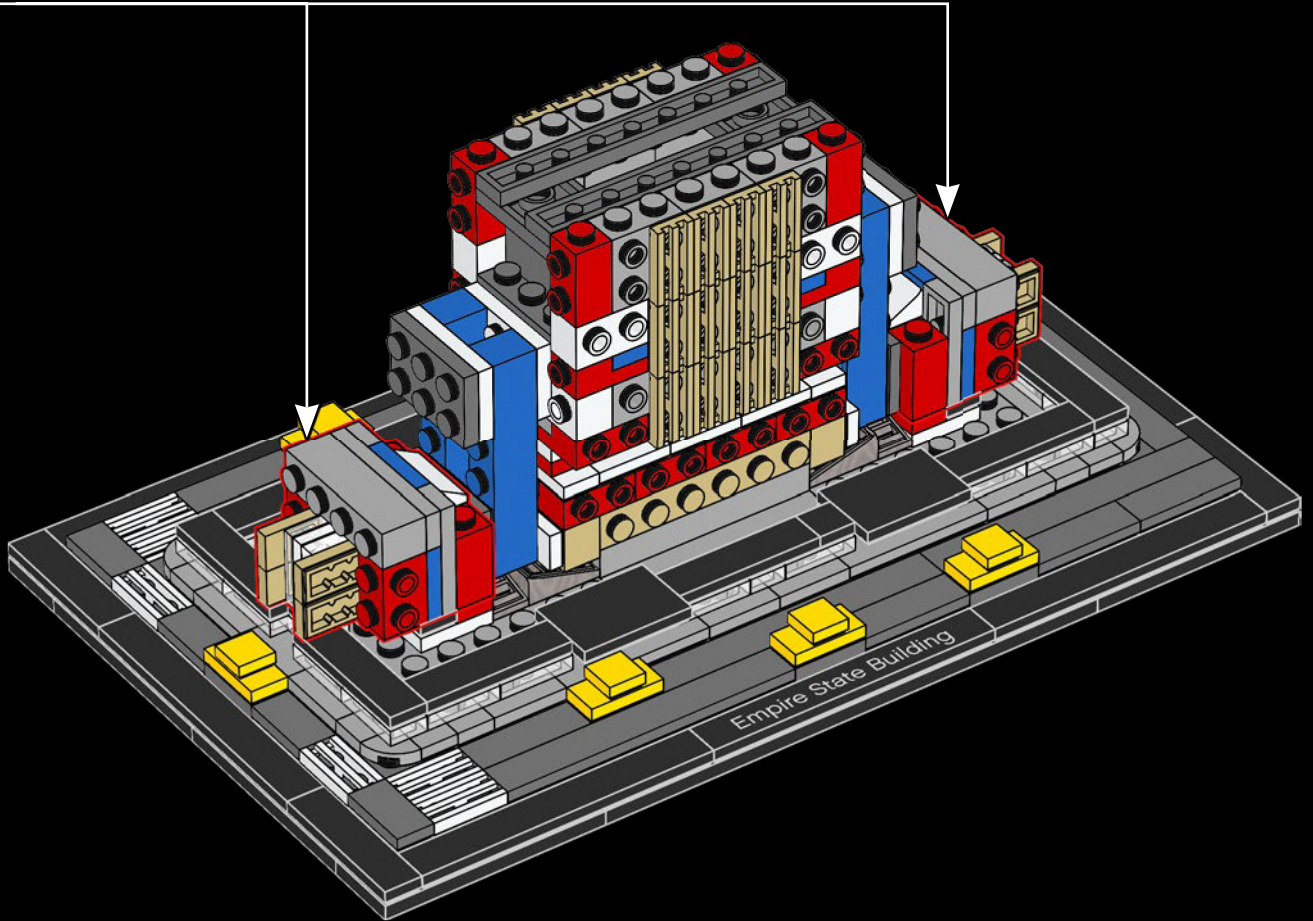


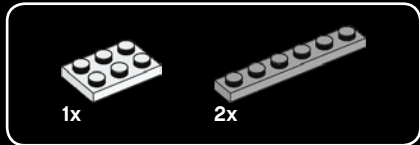
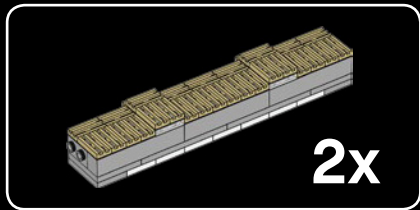
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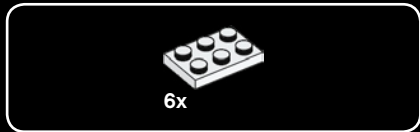
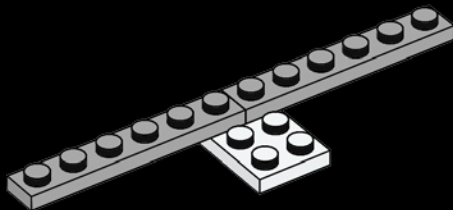
2x

The Famous Art Deco lobby includes an aluminum relief of the building. On the wall above the front desk in the Fifth Avenue lobby is one of the most famous images in New York City, a depiction of the building itself with beams of lights radiating from the mast.

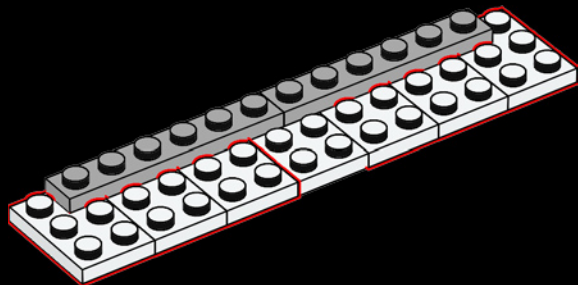


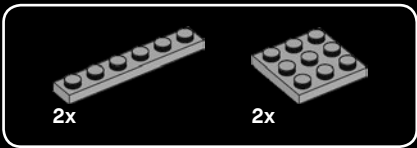


56

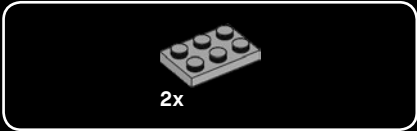
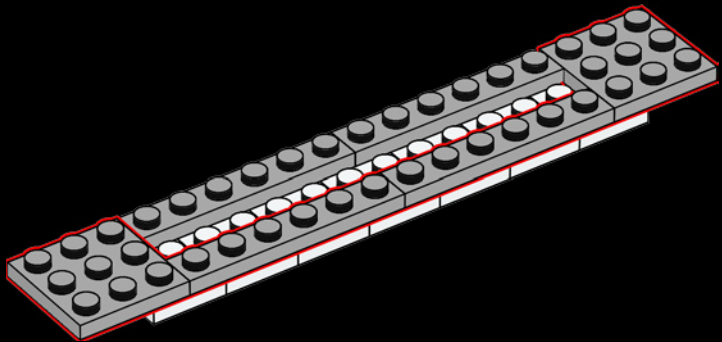


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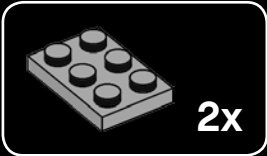
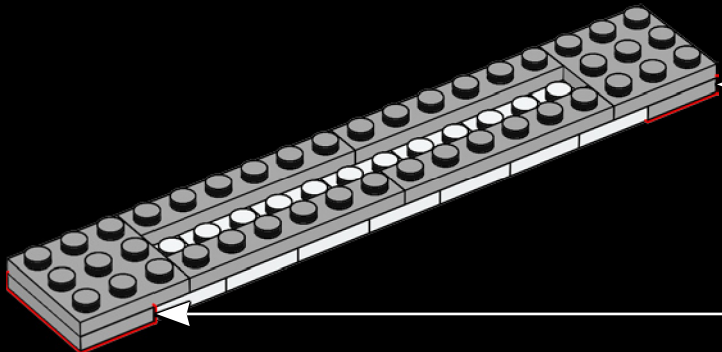


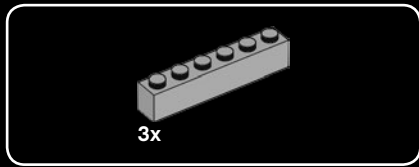


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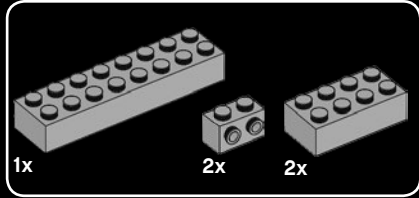
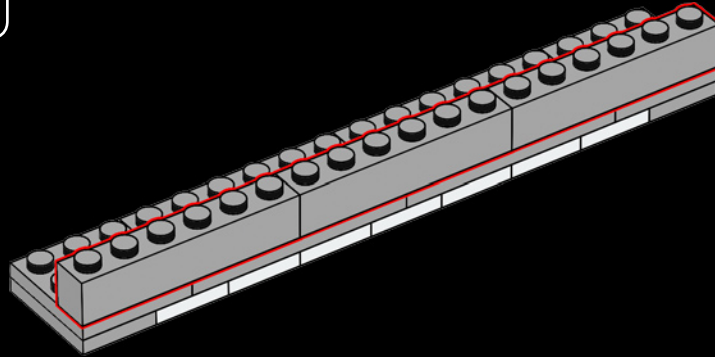


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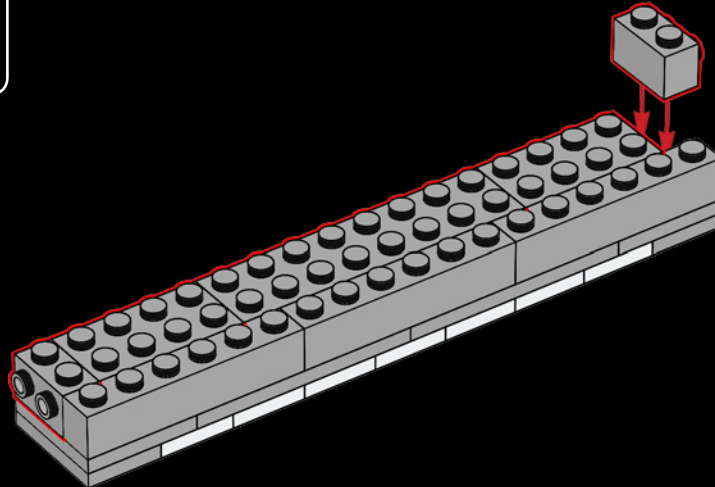


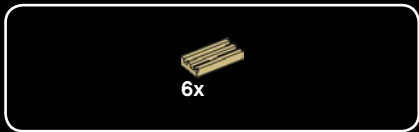


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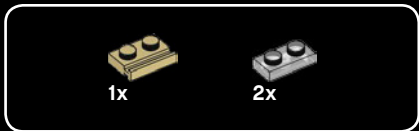
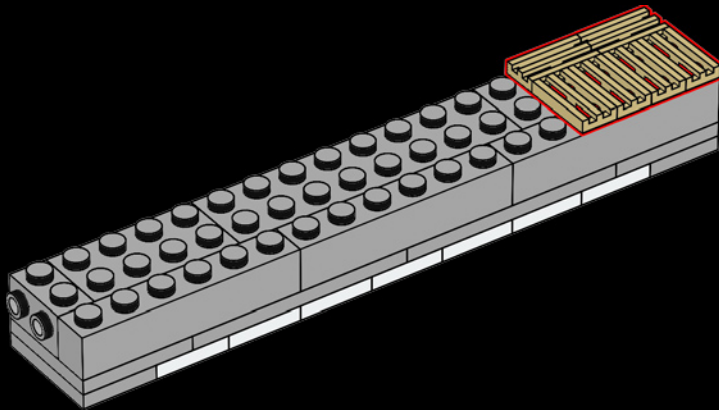


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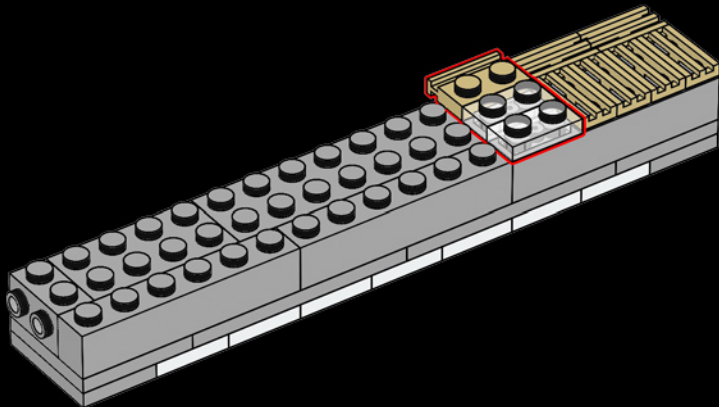




62



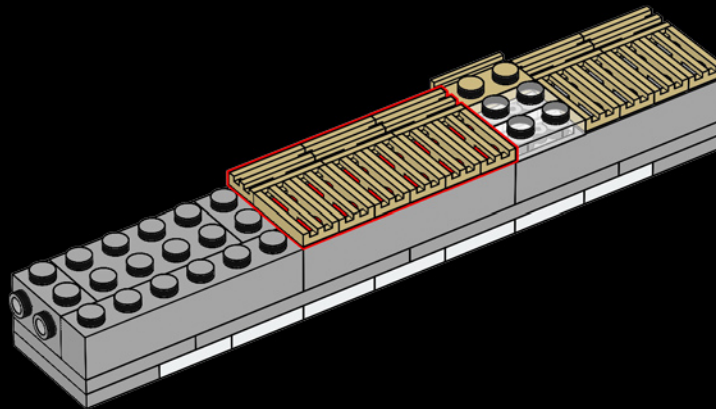
63





9x

64

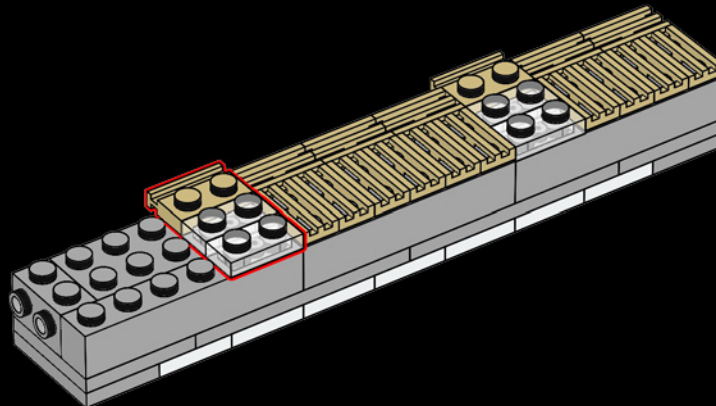


1x



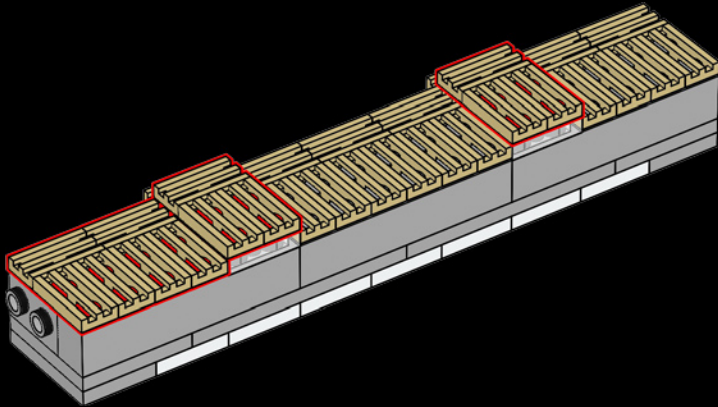
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65



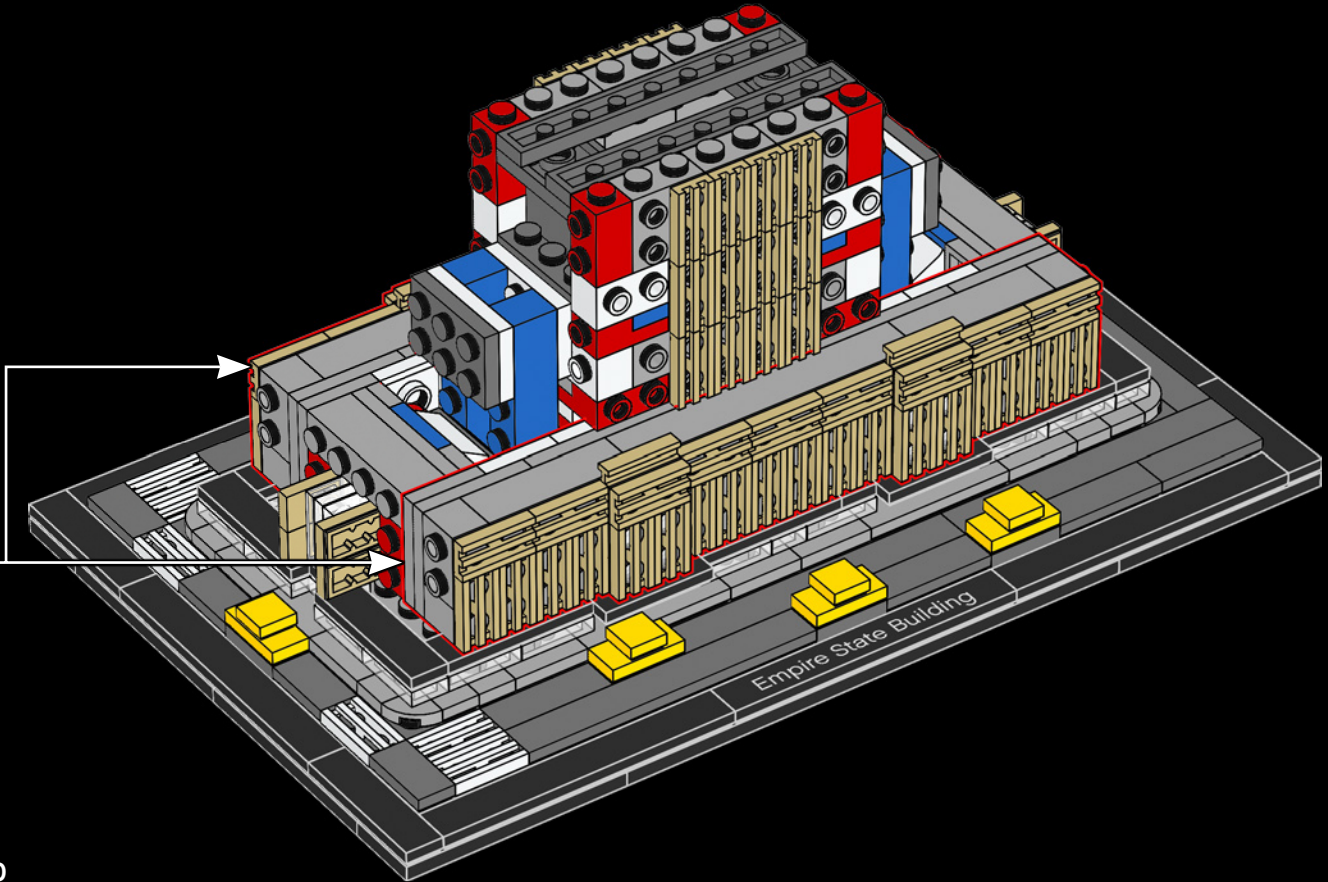


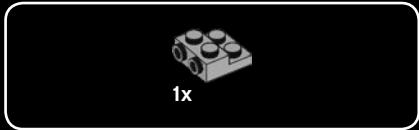
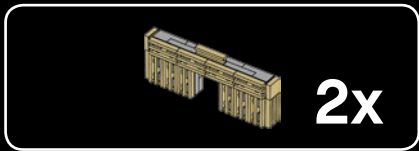
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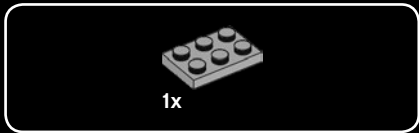
2x

67

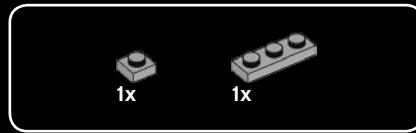




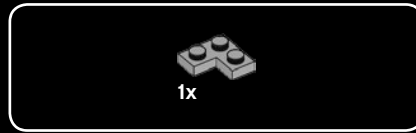
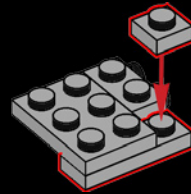
68



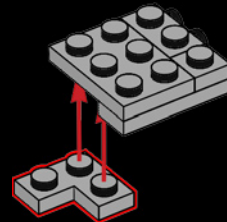
69



70



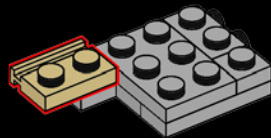
71





1x

72



1x



1x



1x



1x



1x

73

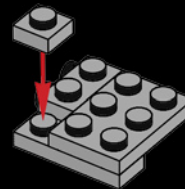
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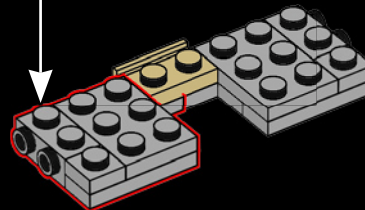
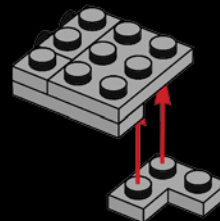
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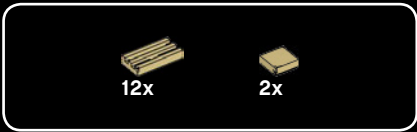


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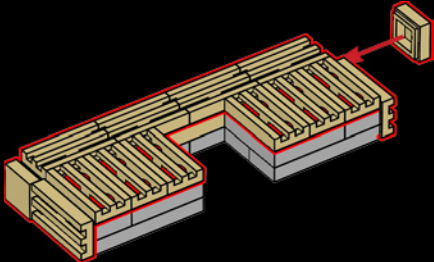


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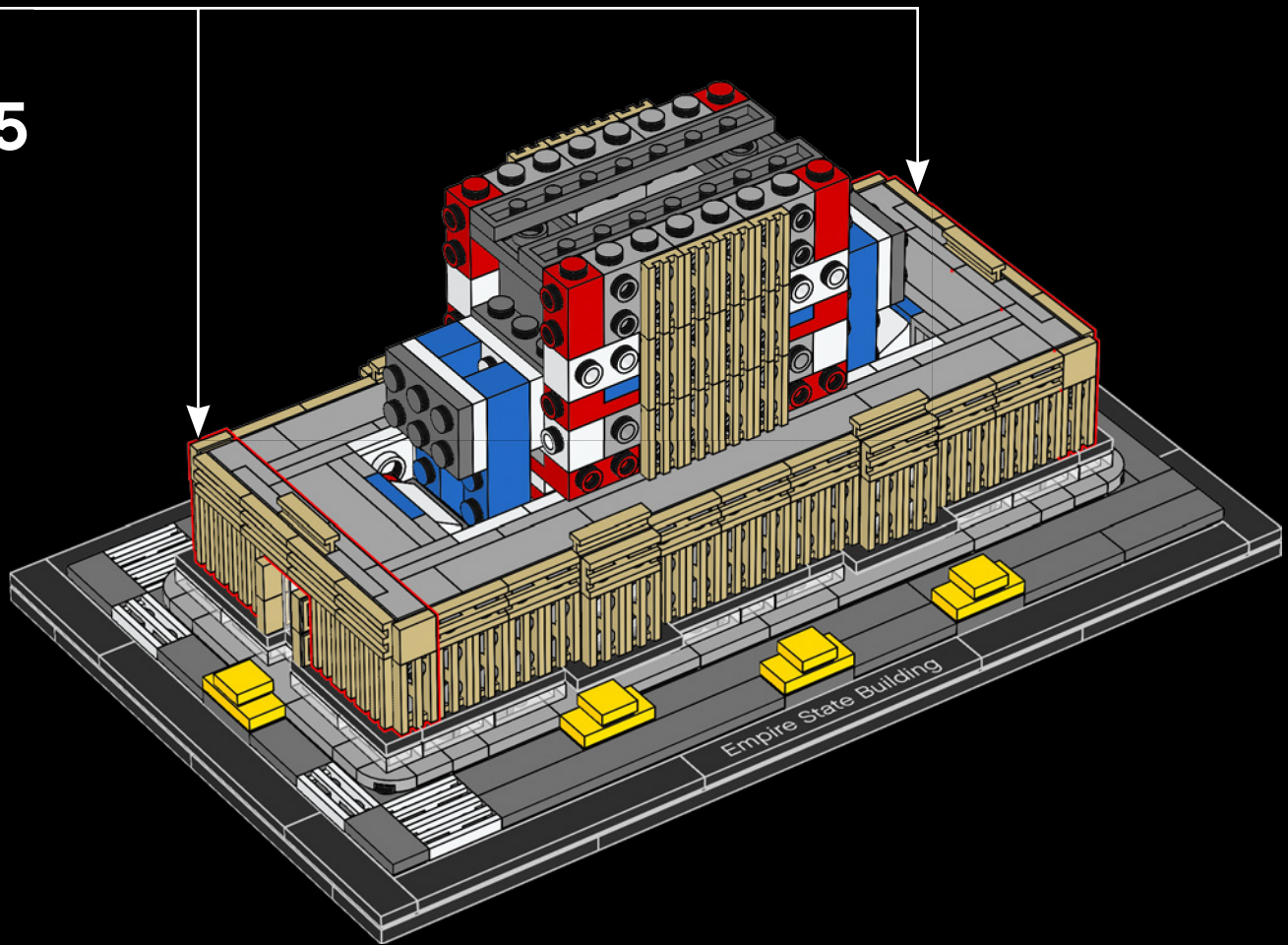


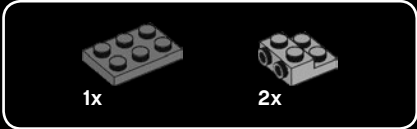
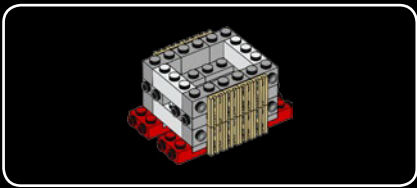
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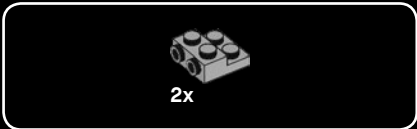
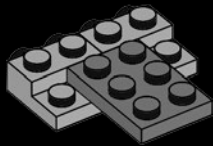
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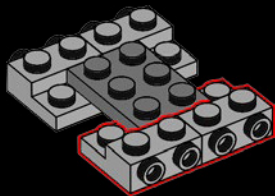




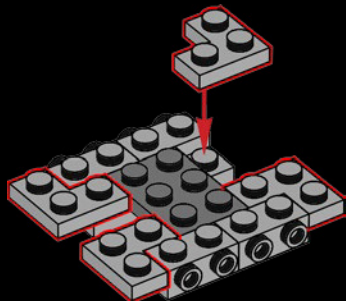
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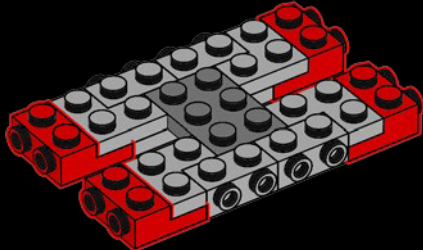
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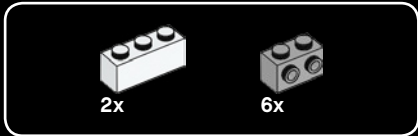


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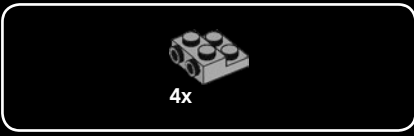
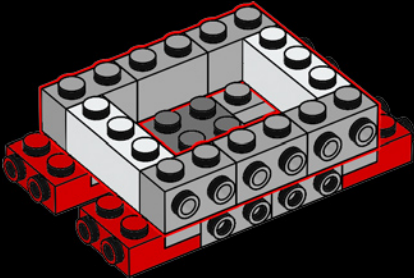


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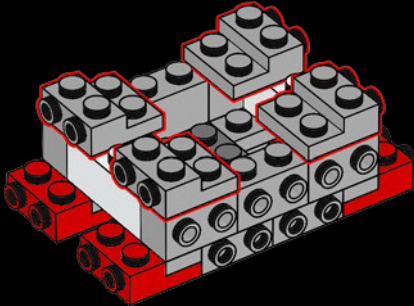




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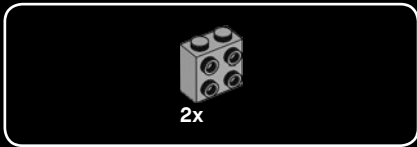
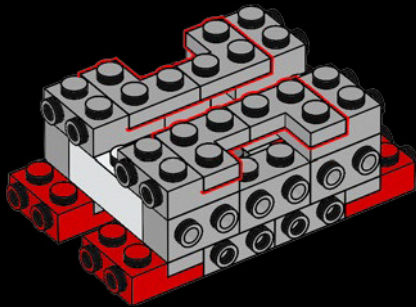


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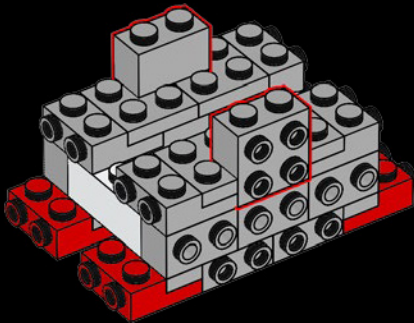


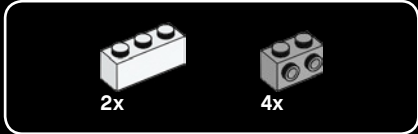


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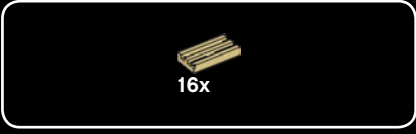
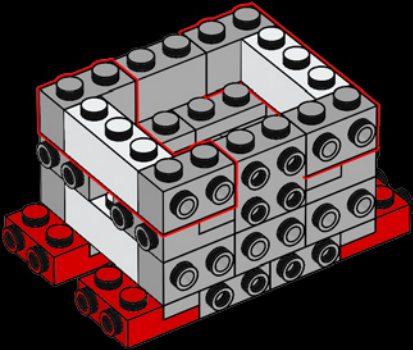


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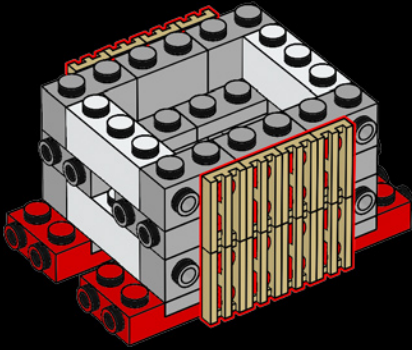


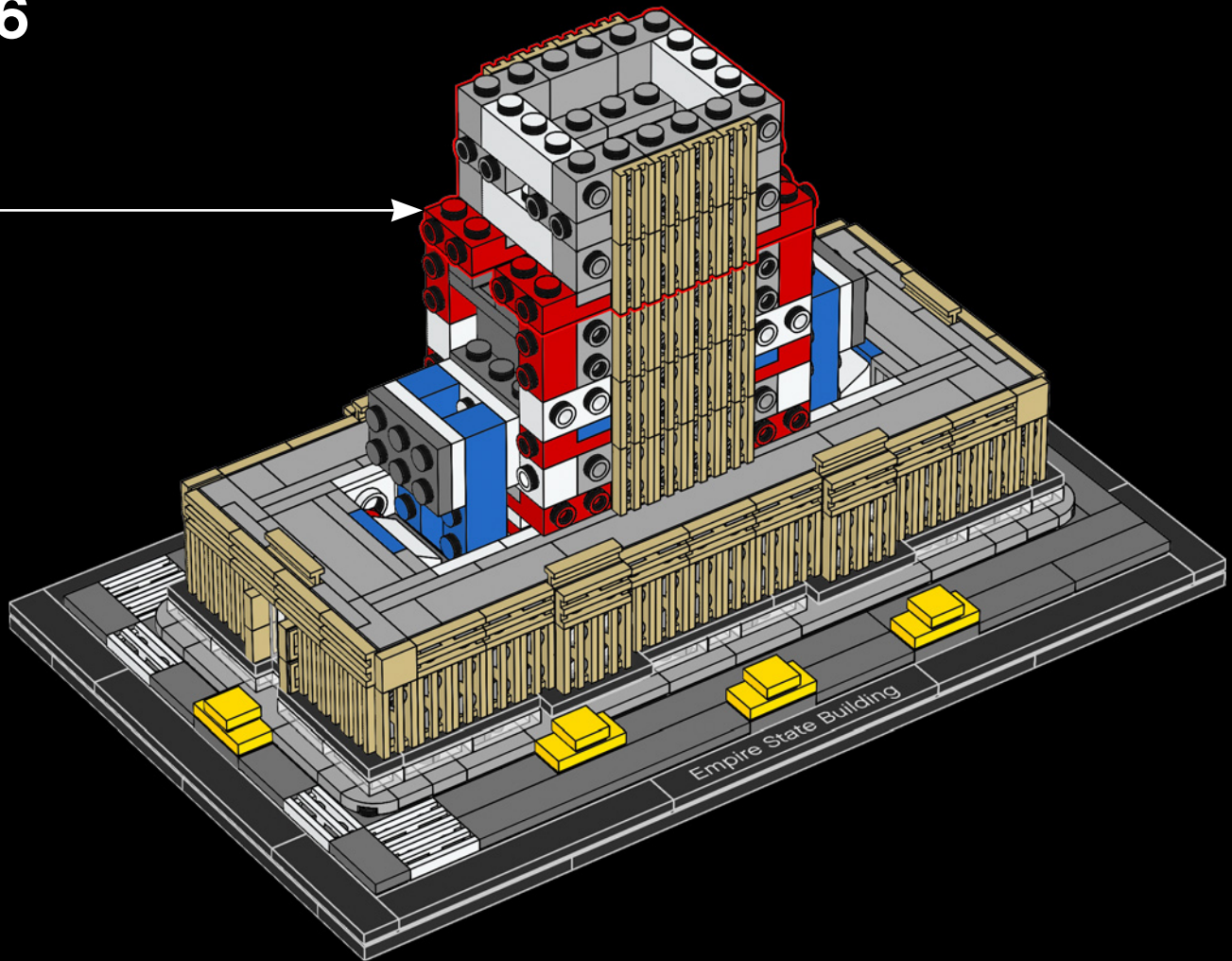


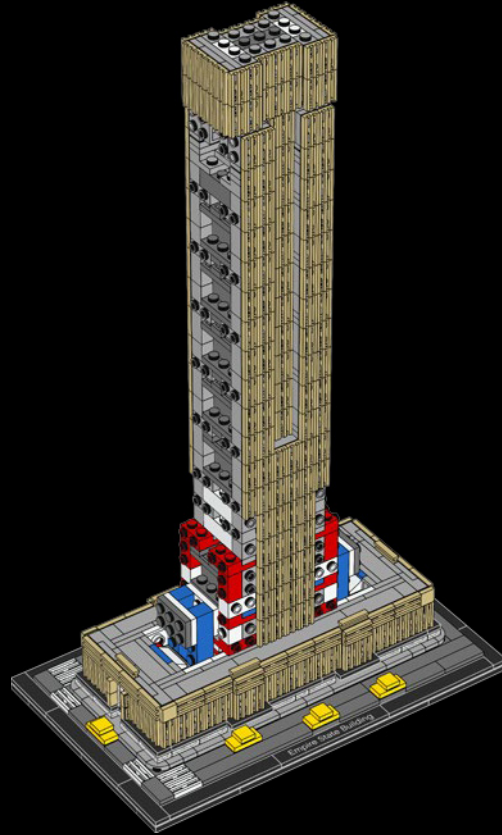
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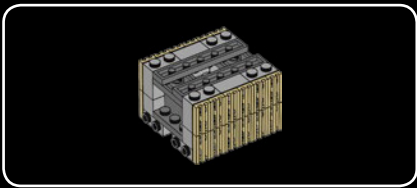


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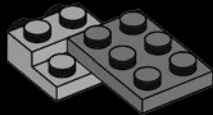




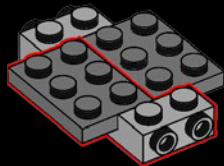




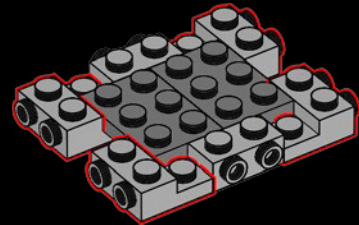
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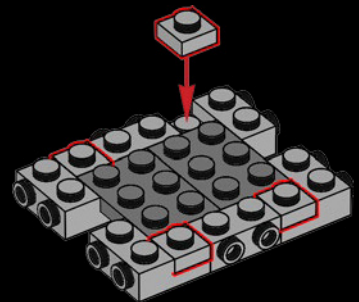
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89



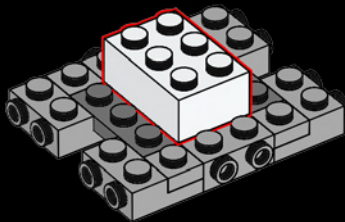
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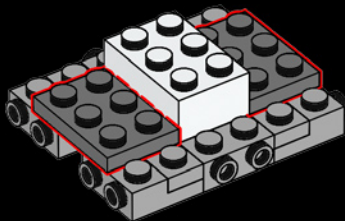
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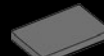
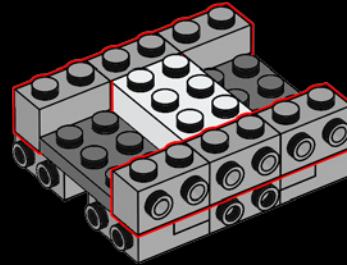
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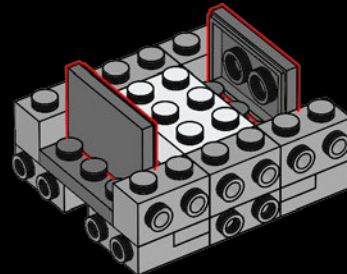
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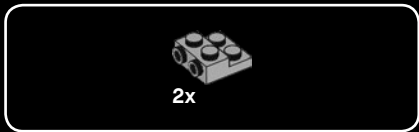
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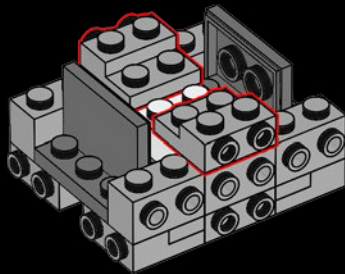
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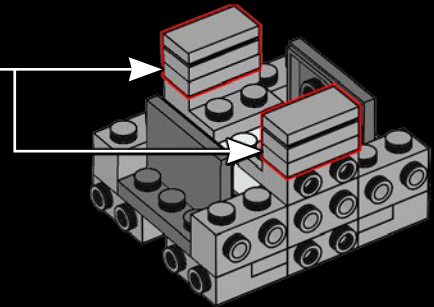
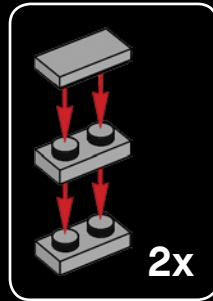




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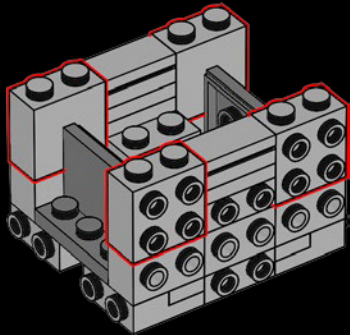
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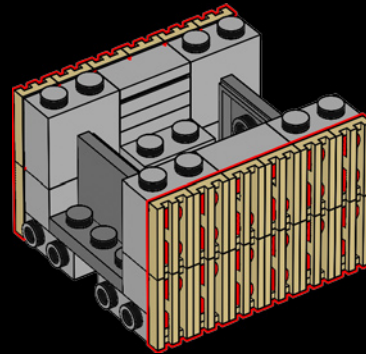
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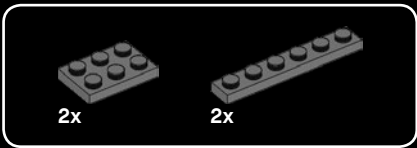
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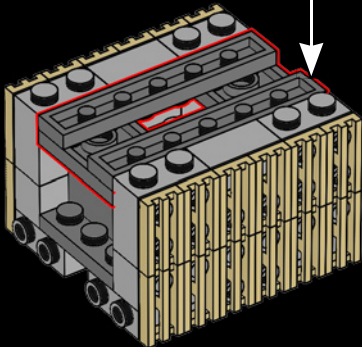
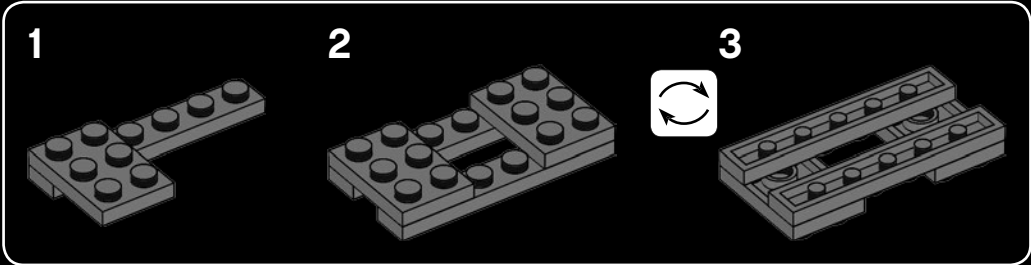
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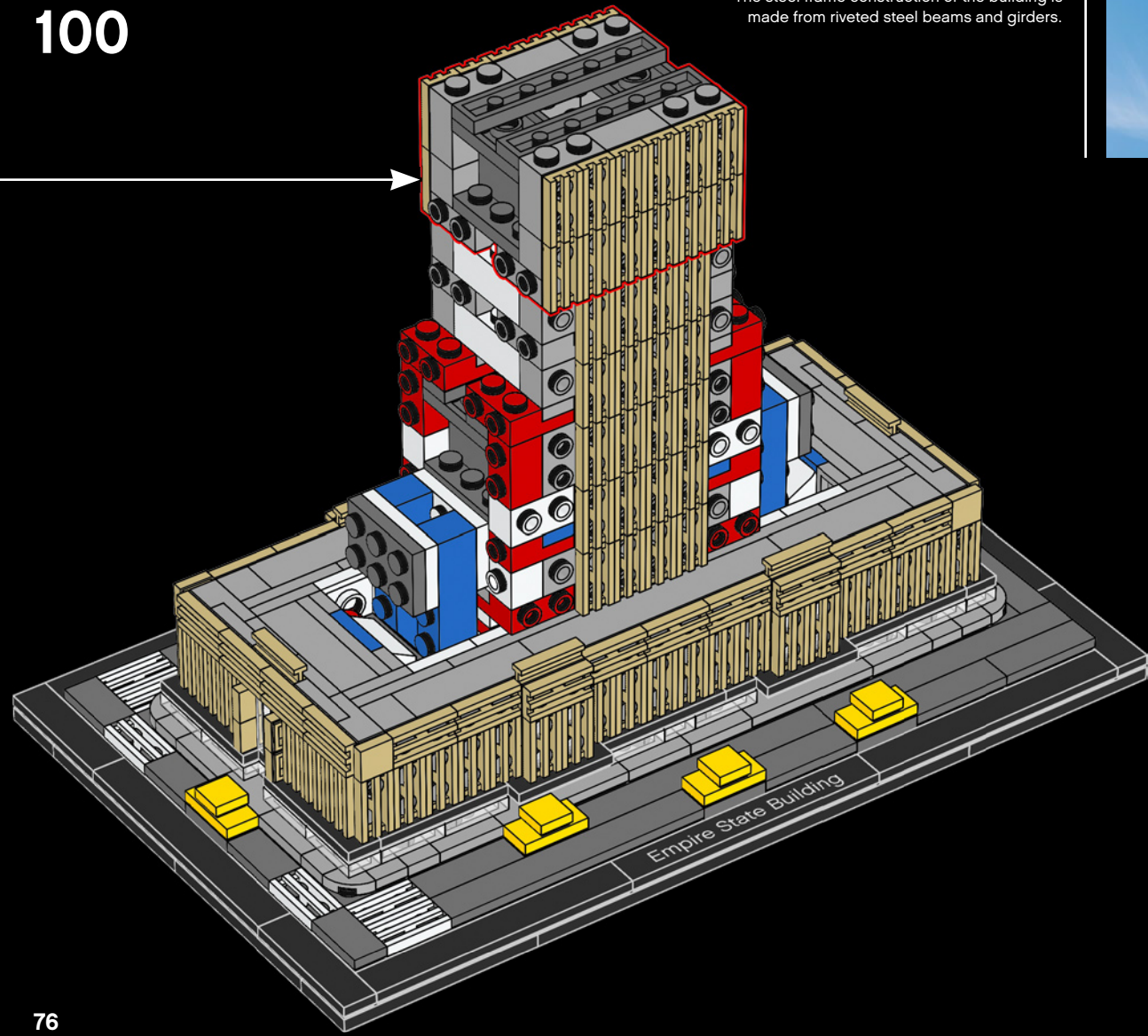


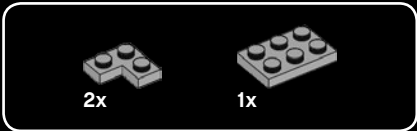
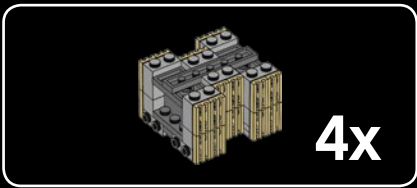


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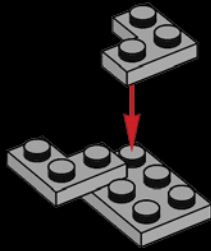


The steel frame construction of the building is made from riveted steel beams and girders.

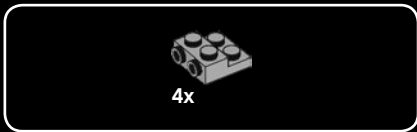
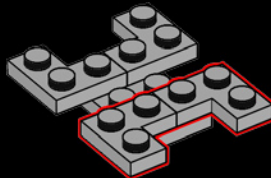




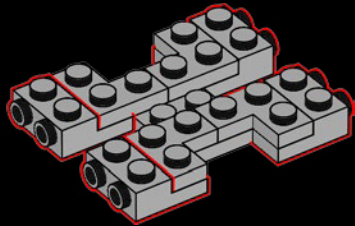
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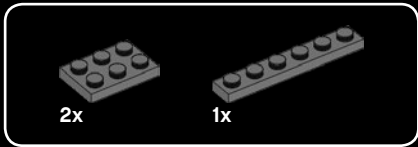


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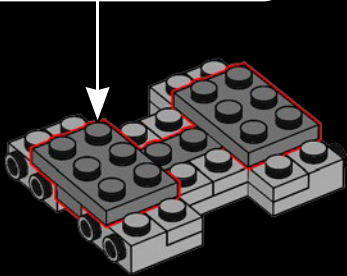
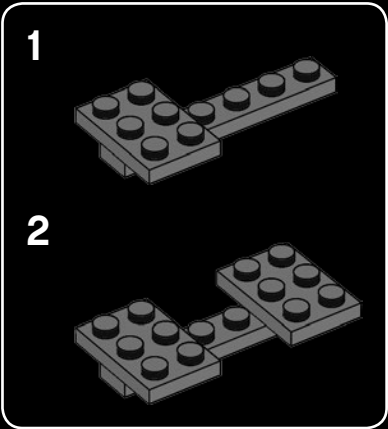


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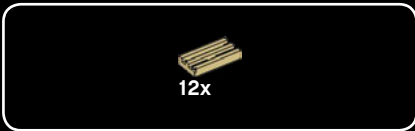
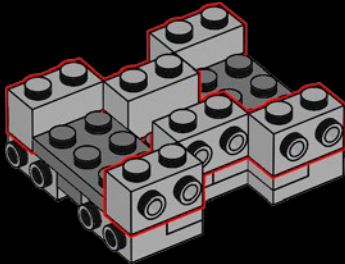




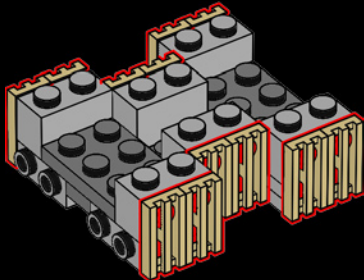
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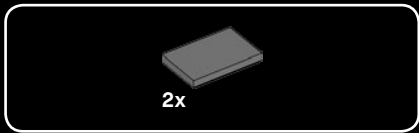


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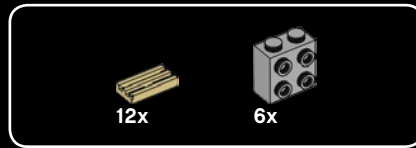
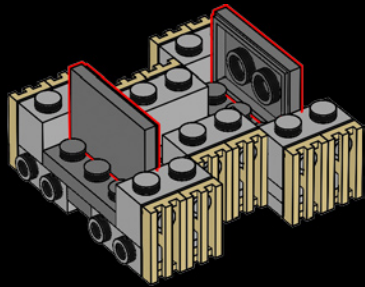


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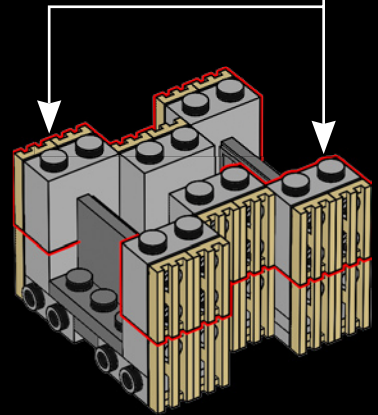
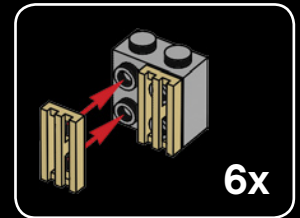


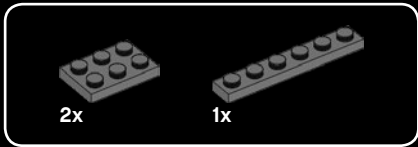


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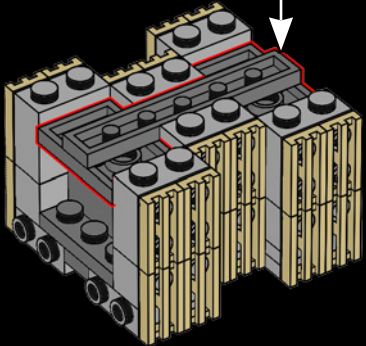
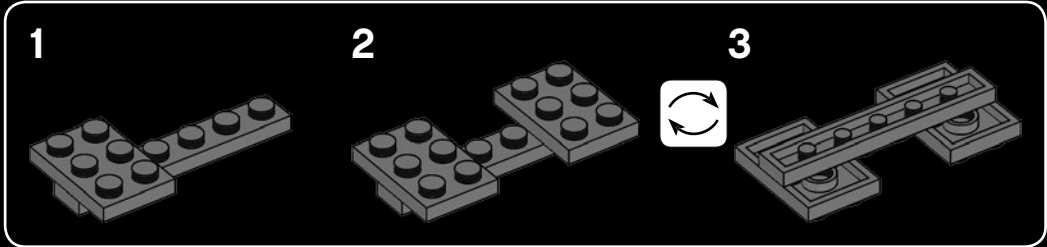


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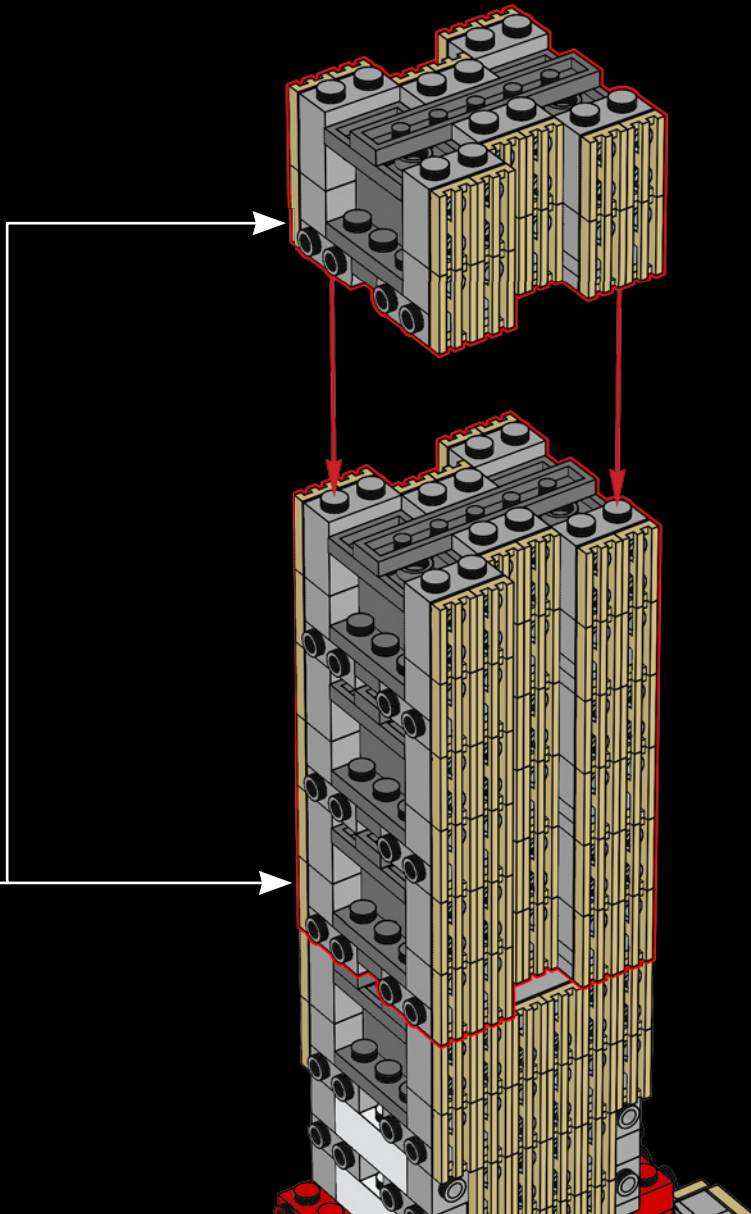


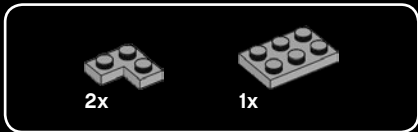
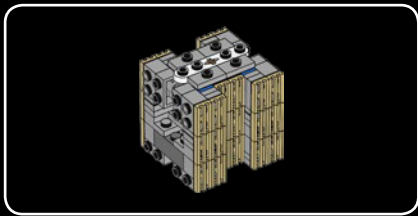
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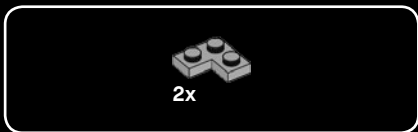
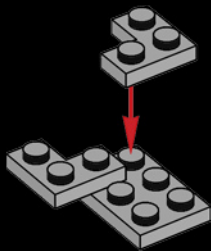
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110

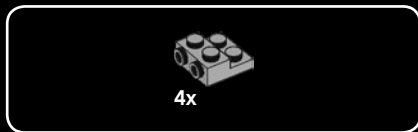
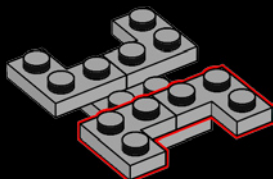




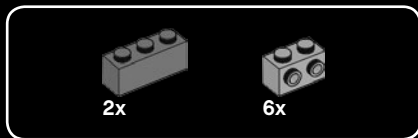
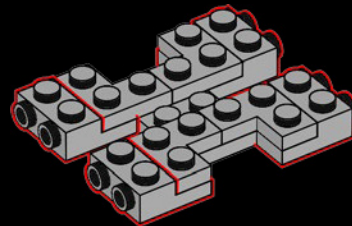
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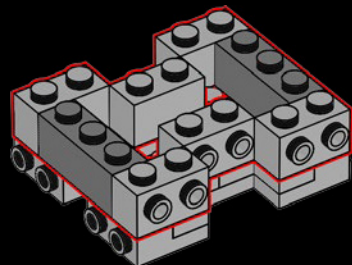
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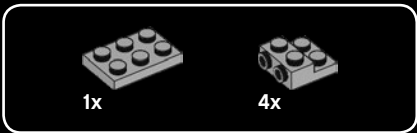


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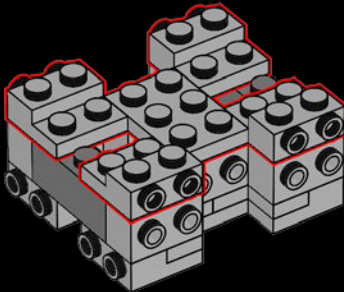


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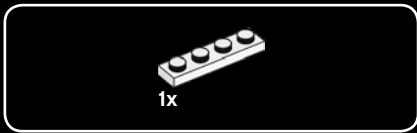
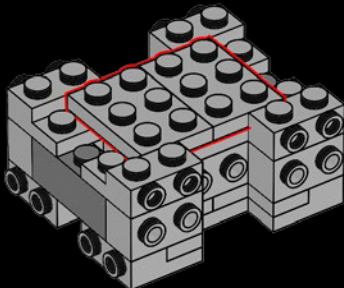




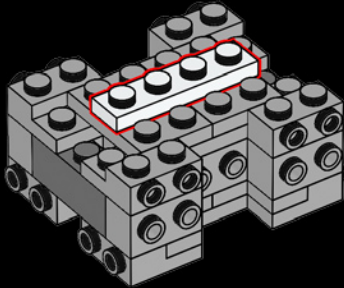
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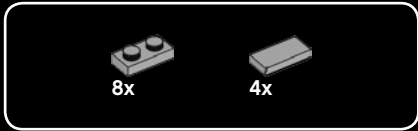


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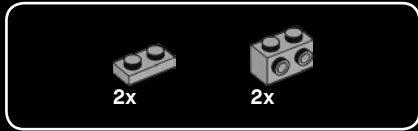
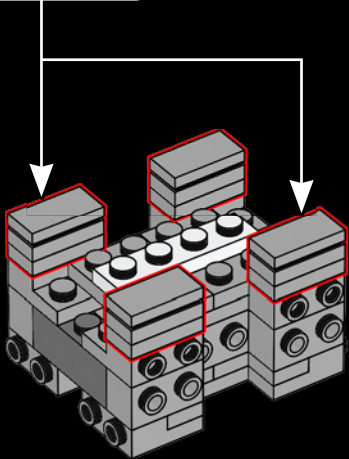
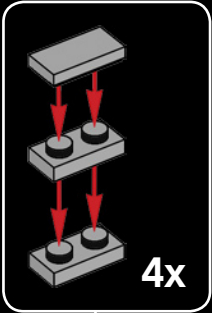


117

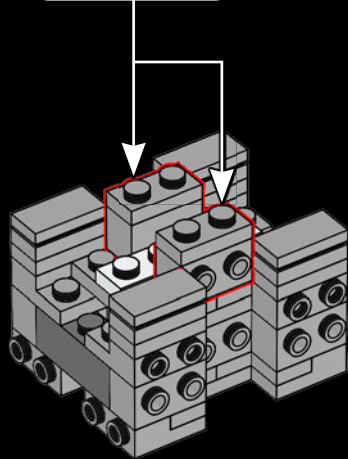
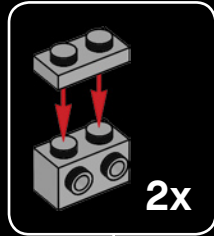


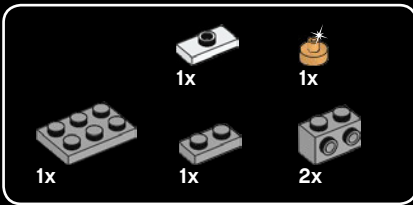


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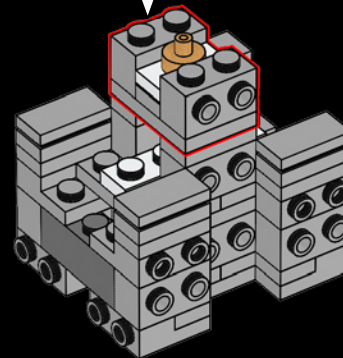
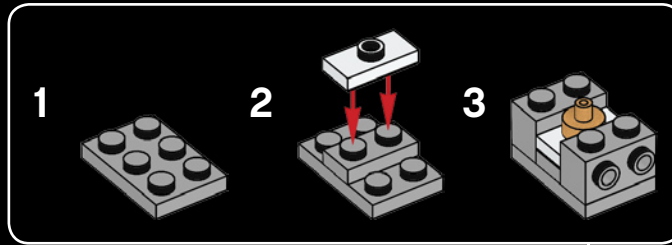


119





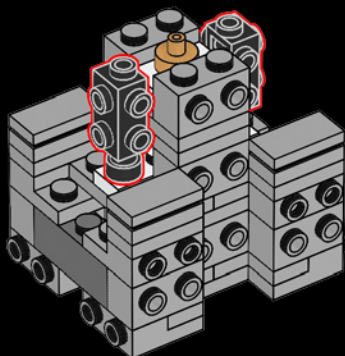
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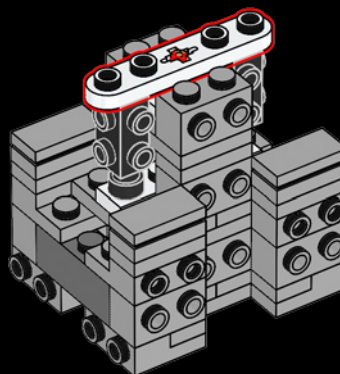
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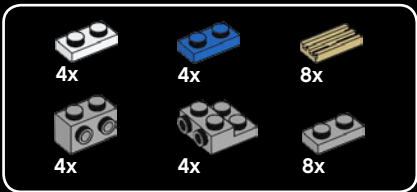
121



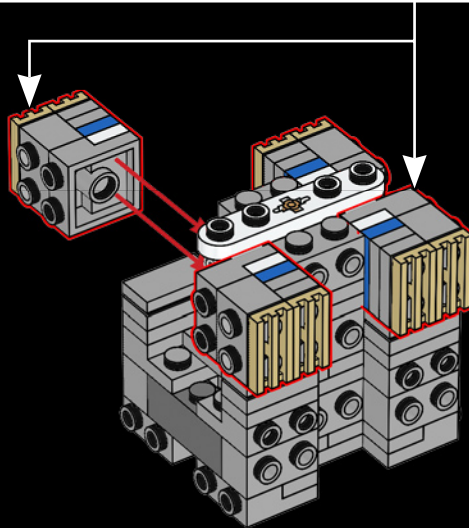
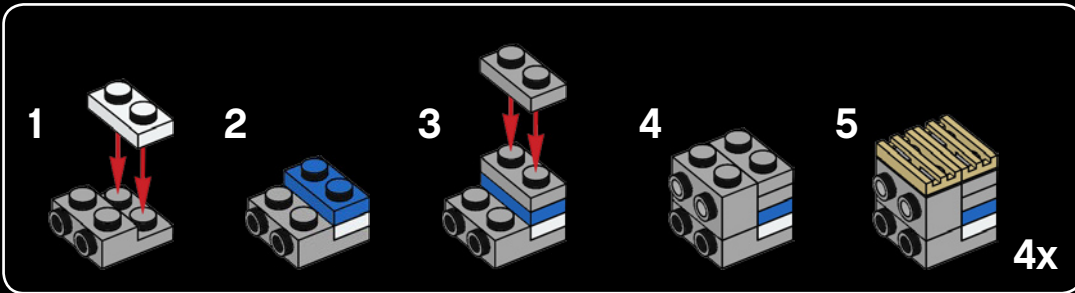
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122





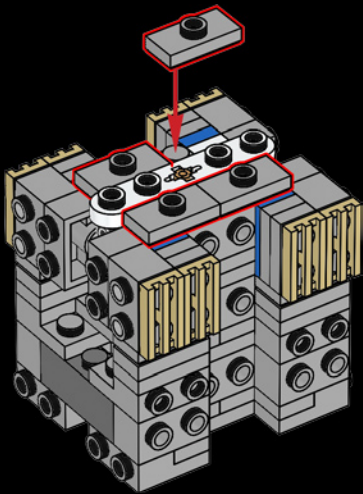
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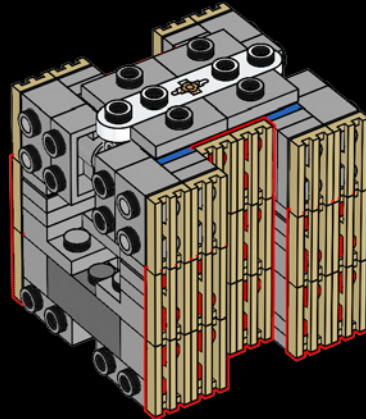
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124

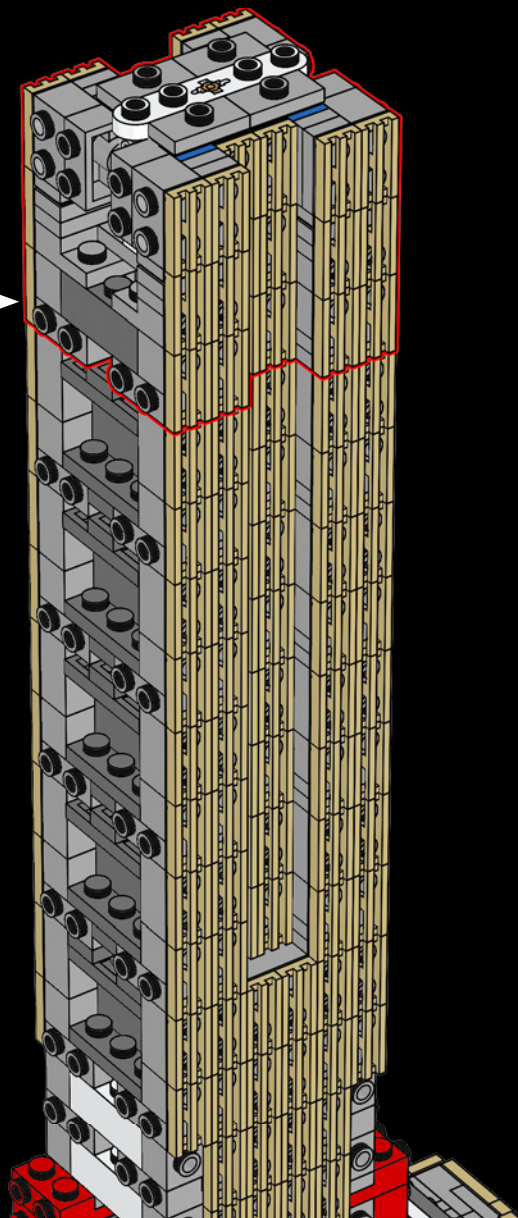


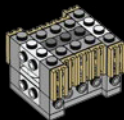
28x

125



126



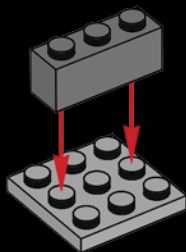


1x



1x

127

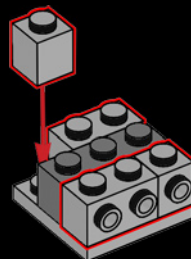


2x



2x

128

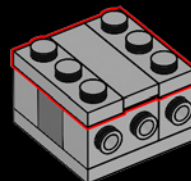


2x



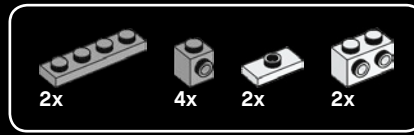
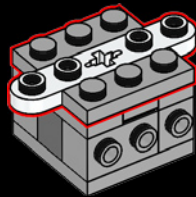
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129

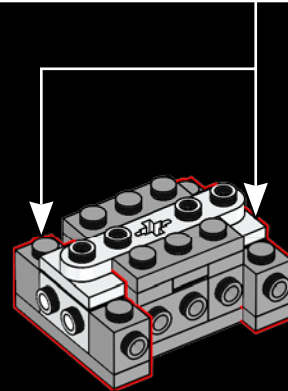
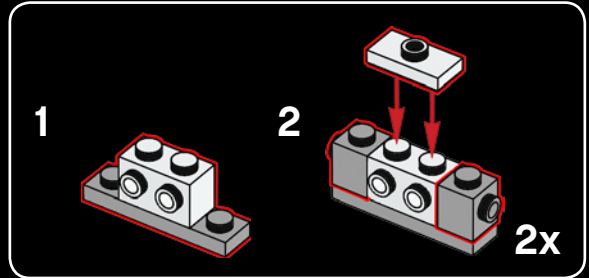




130



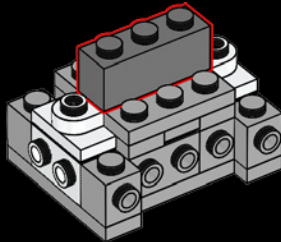
131





1x

132

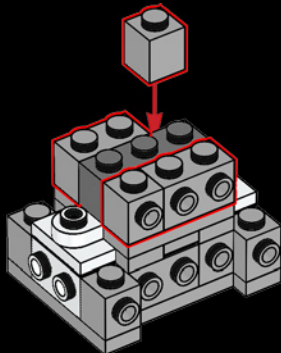


2x



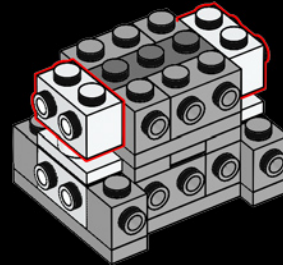
2x

133



2x

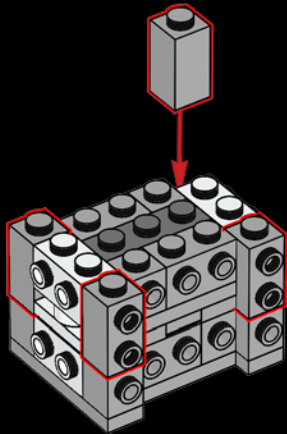
134





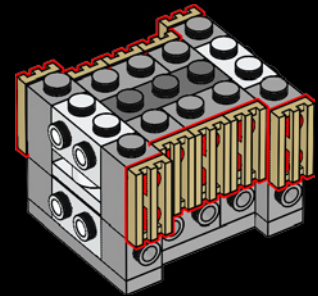
4x

135



10x

136



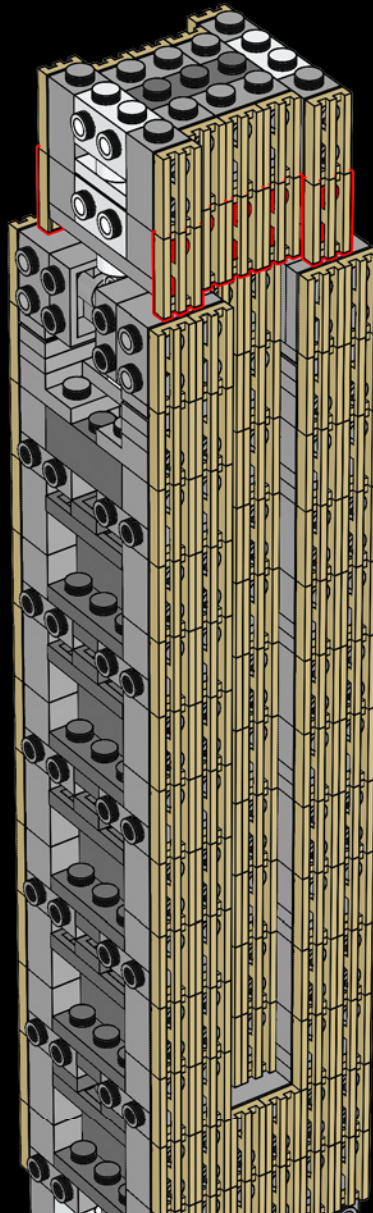
137

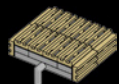




10x

138





2x

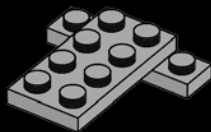


1x



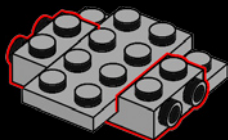
1x

139



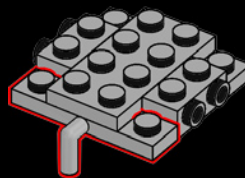
2x

140



1x

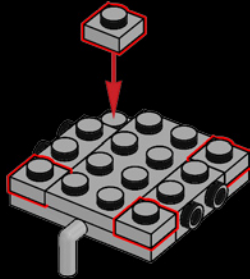
141





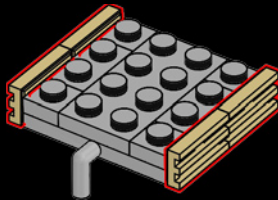
4x

142



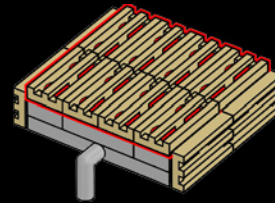
4x

143

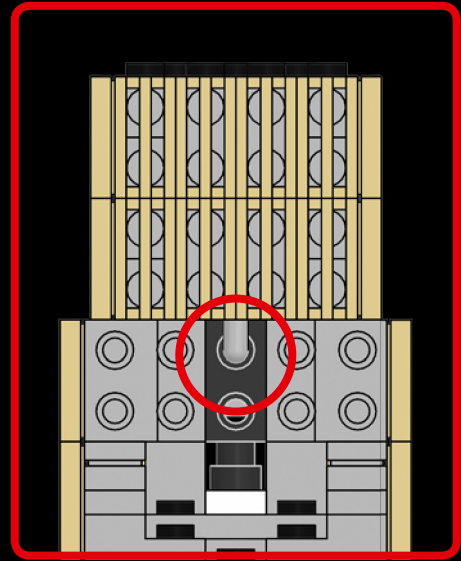
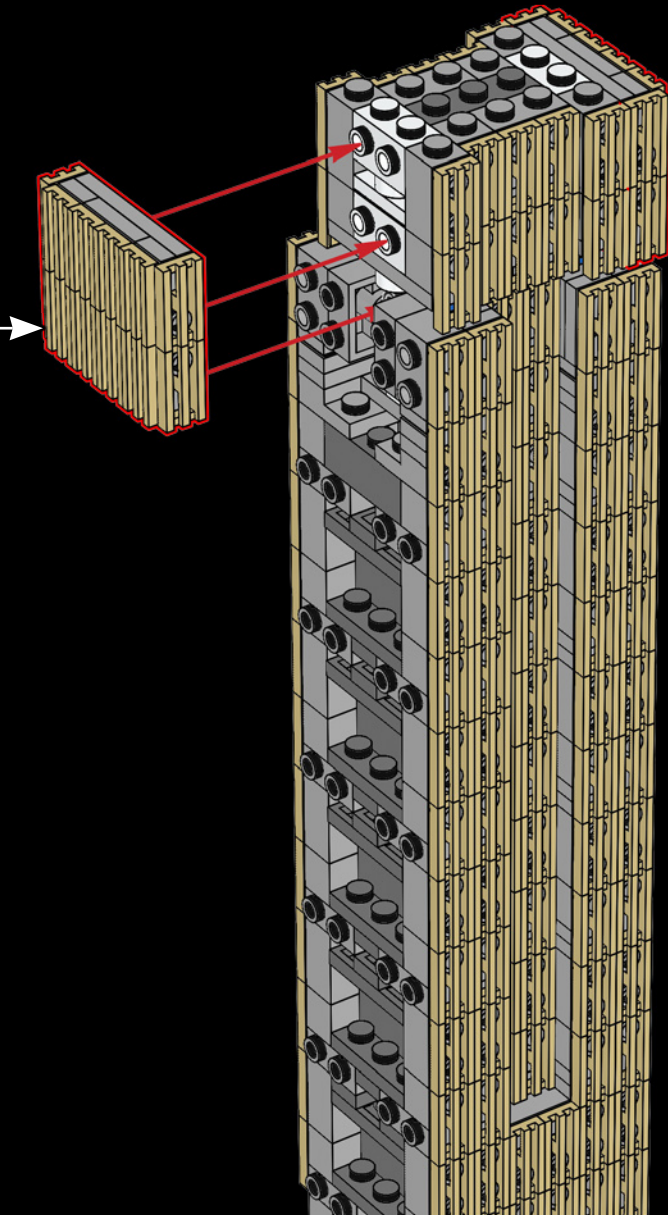


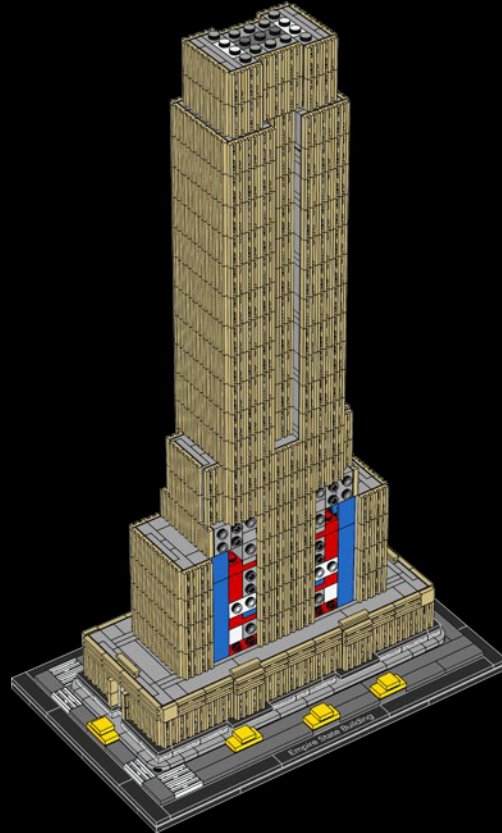
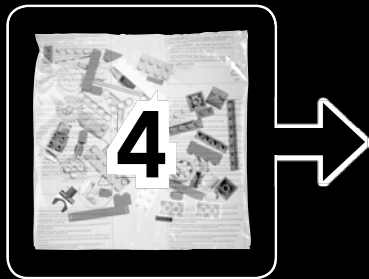
8x

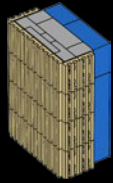
144



2x







2x



1x

146

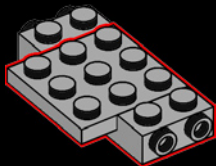


1x



1x

147

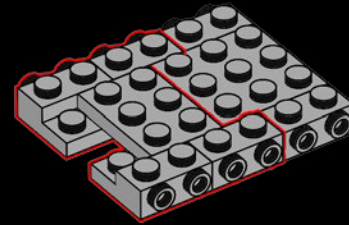


1x



4x

148

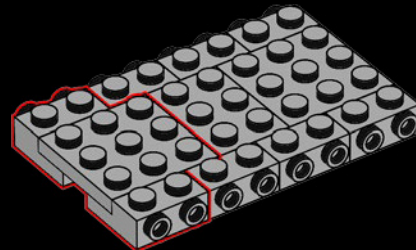


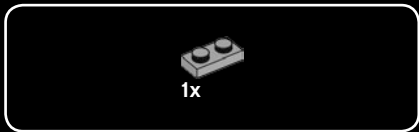
2x



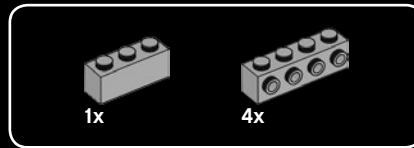
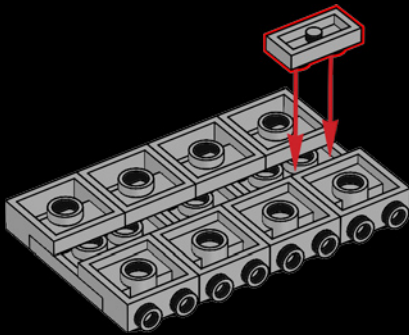
1x

149

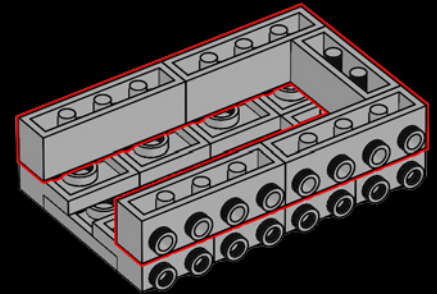


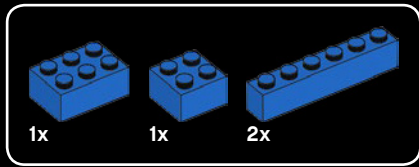


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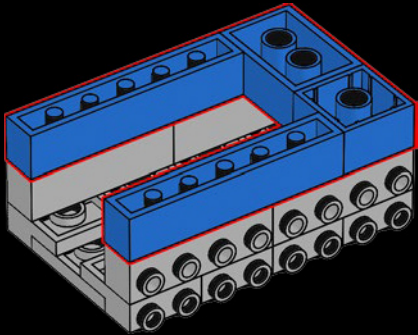


151

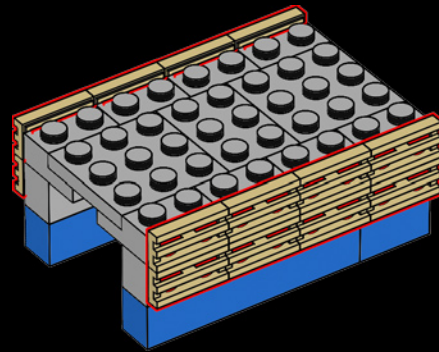
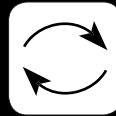


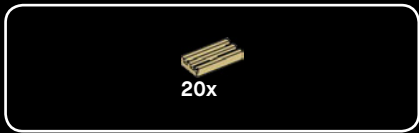


152

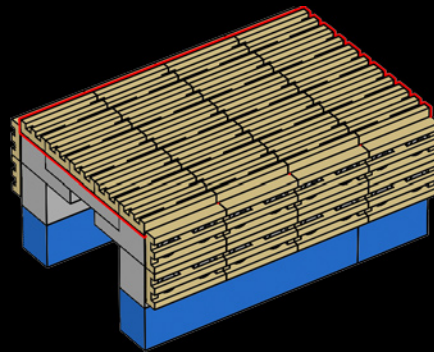


153

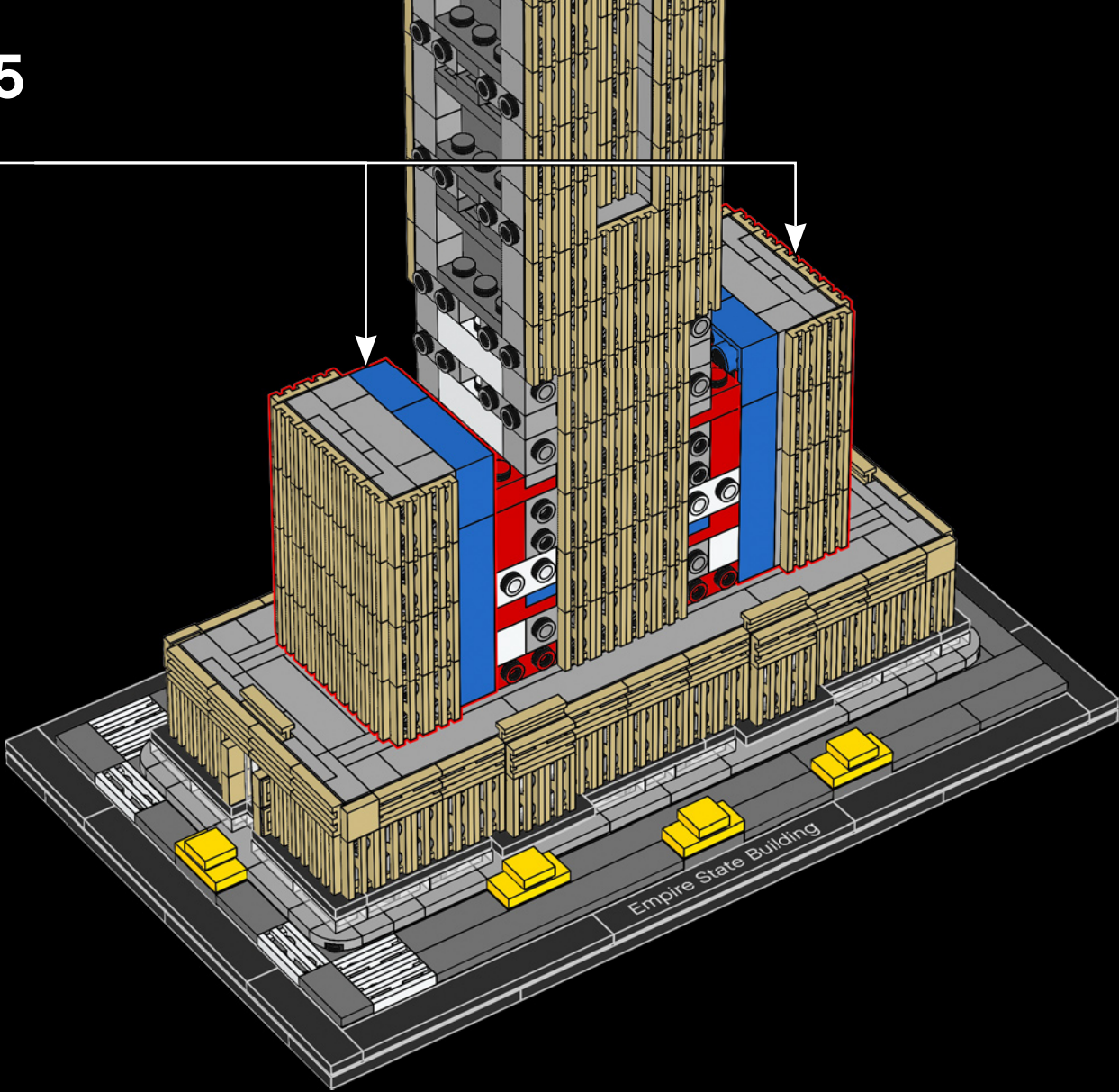


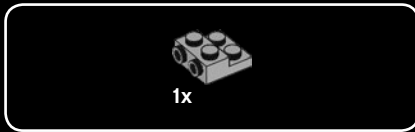
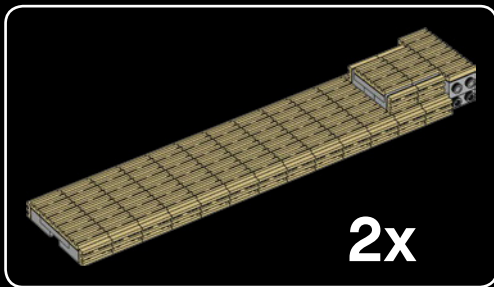


154

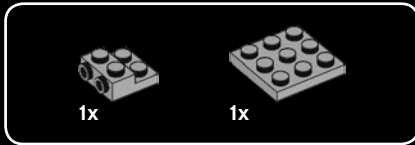


2x

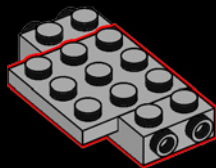




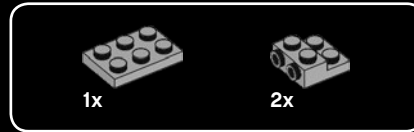
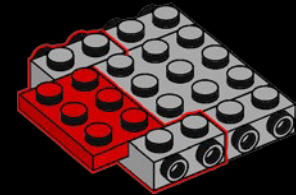
156



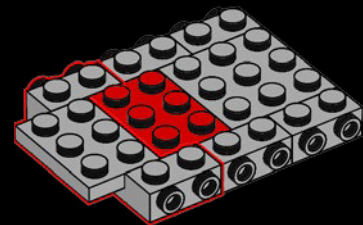
157

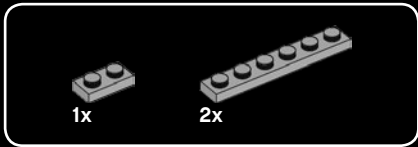


158

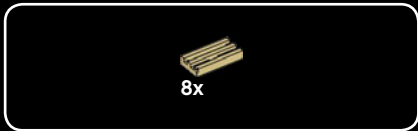
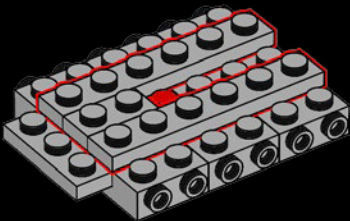


159

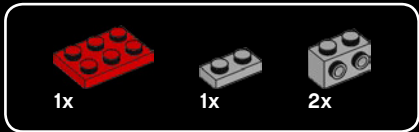
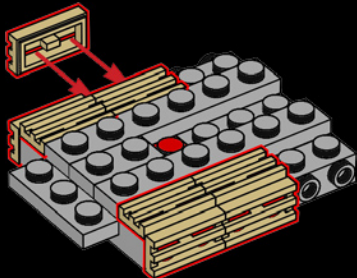




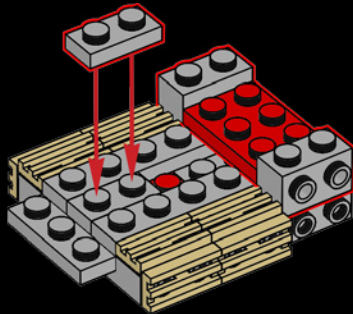
160



161

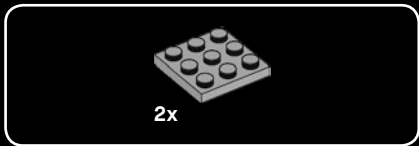
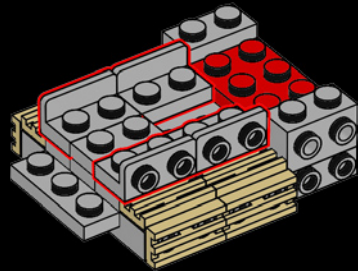


162

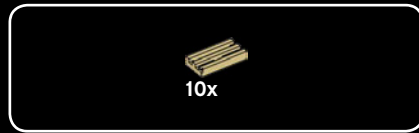
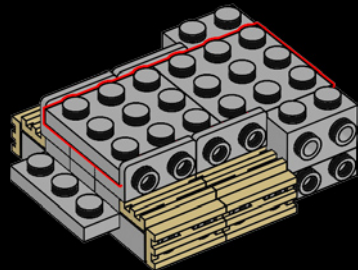




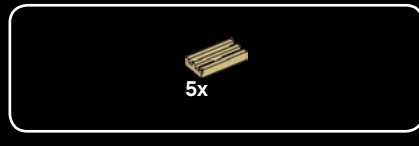
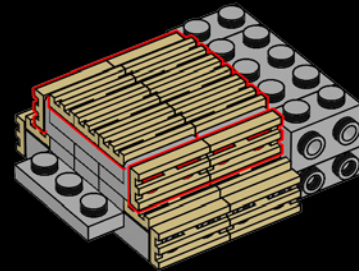
163



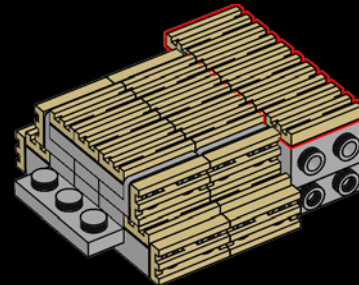
164

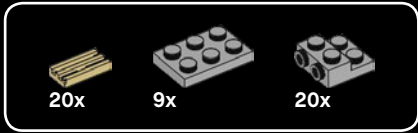


165

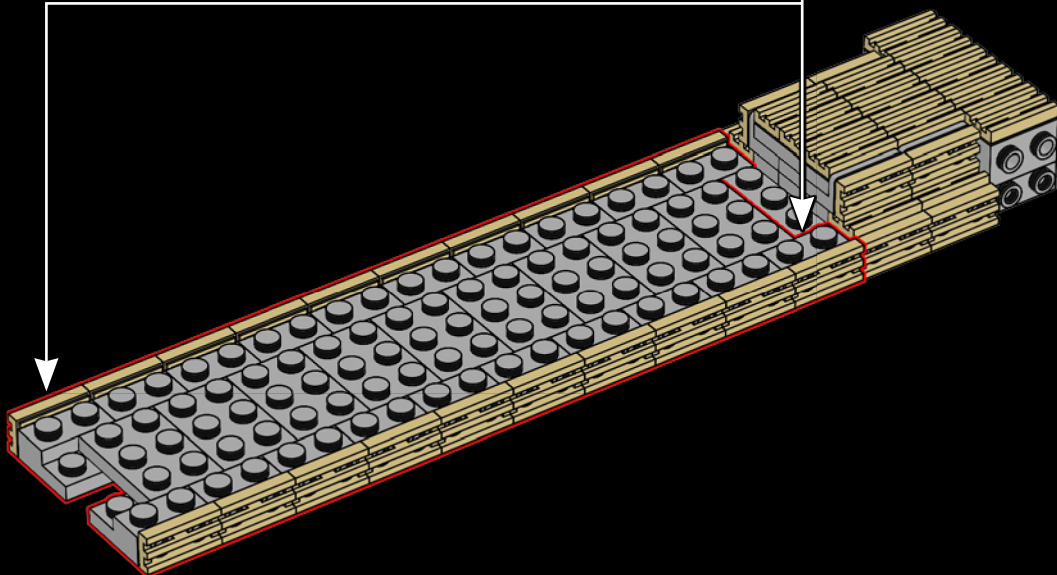
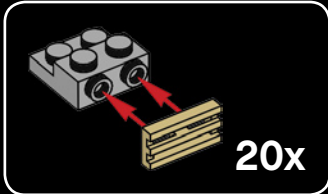


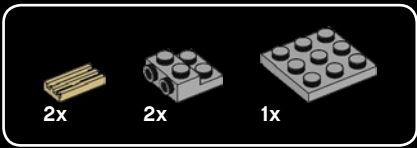
166



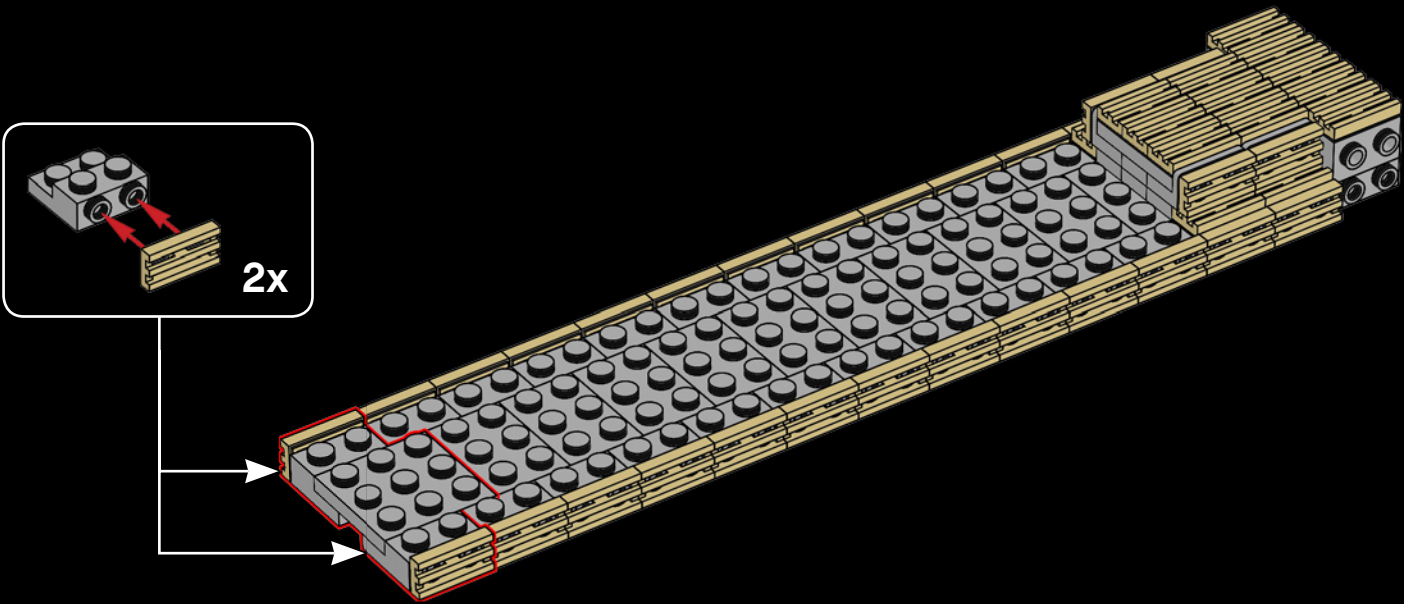


167





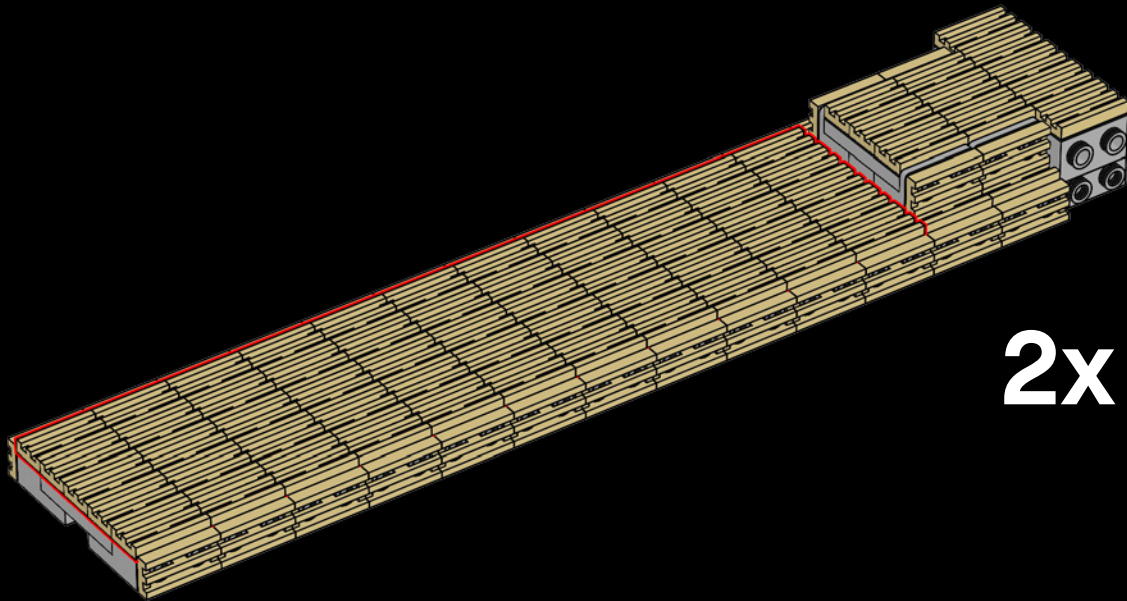
168





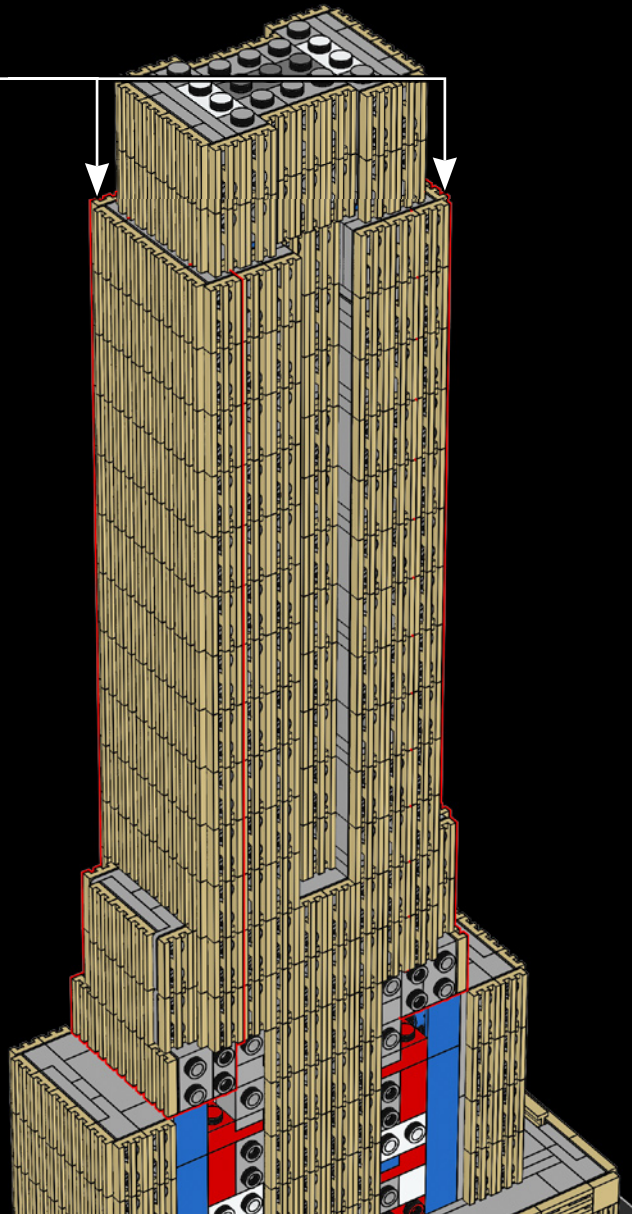
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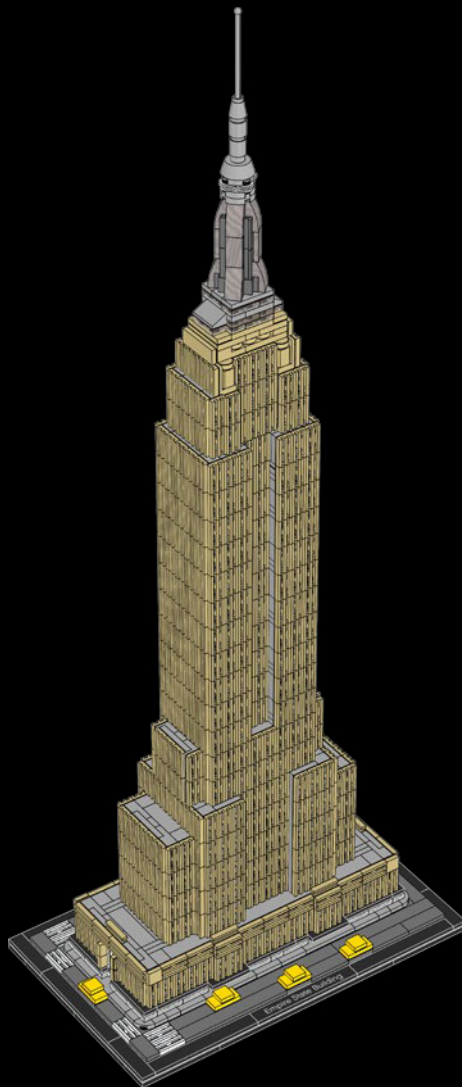
169

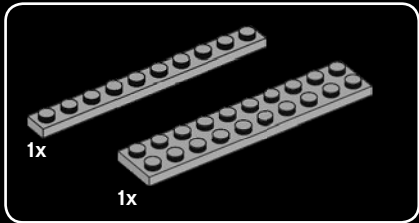


2x

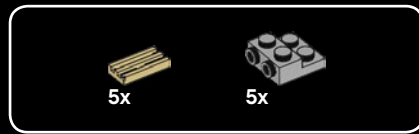
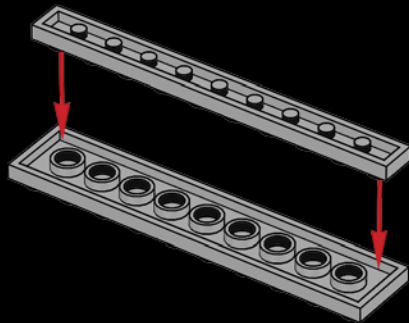
170



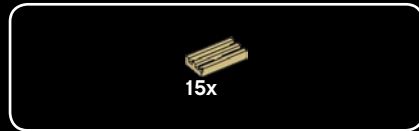
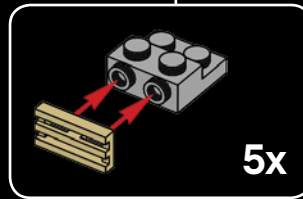
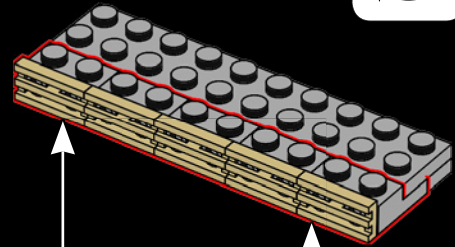




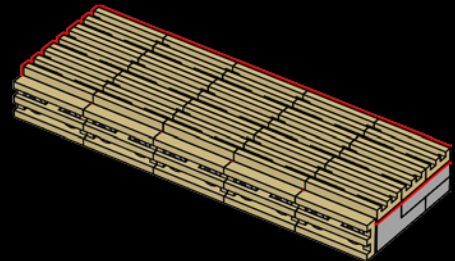
171



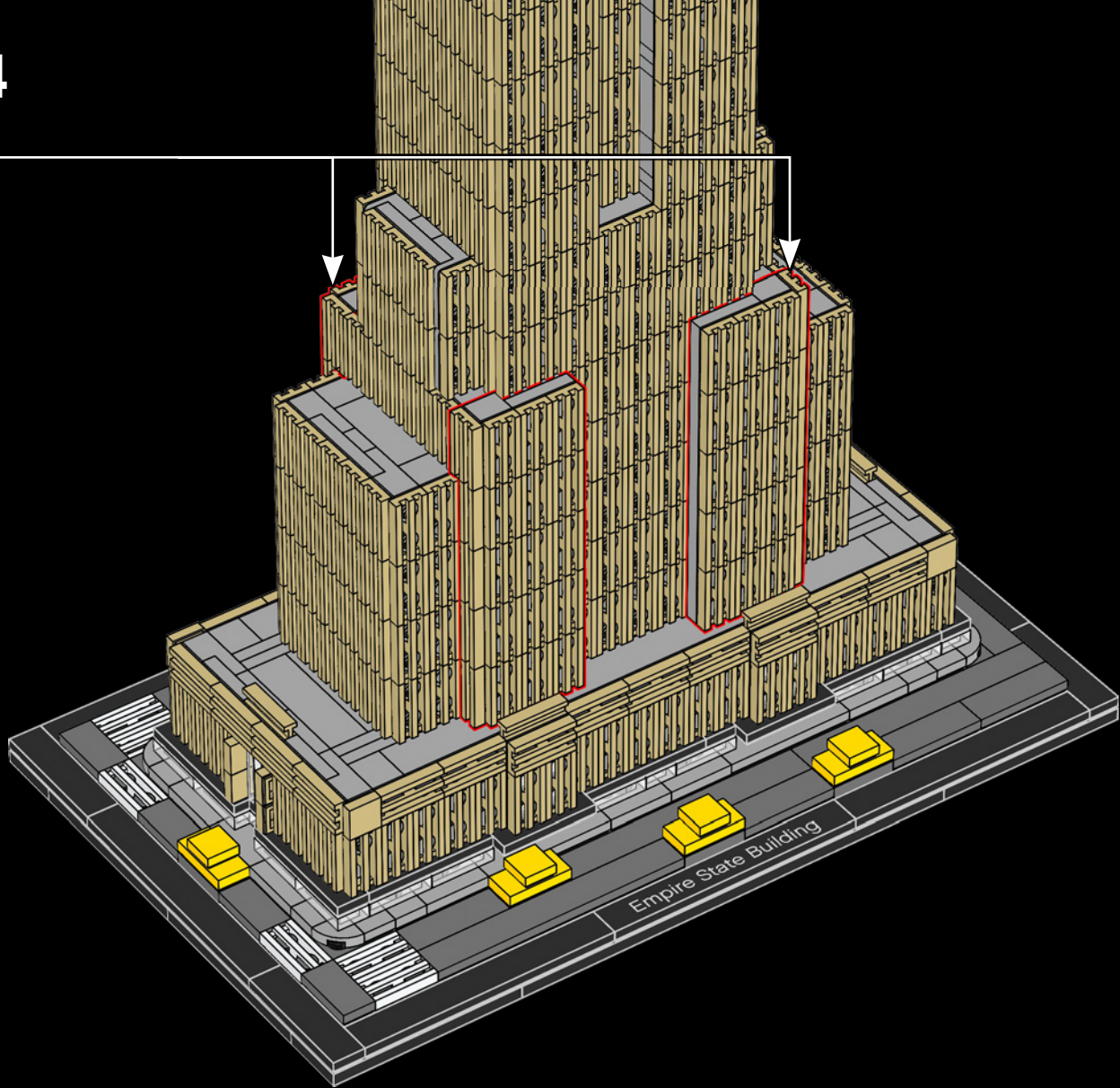
172

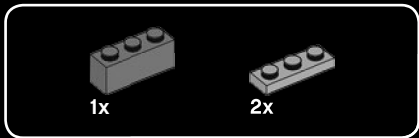


173

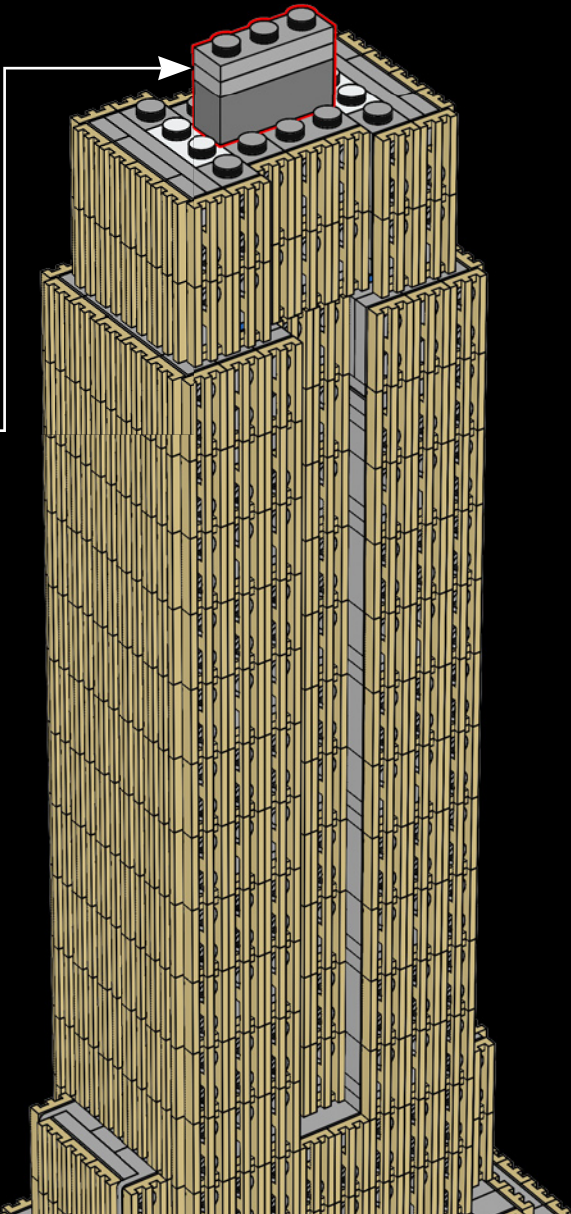
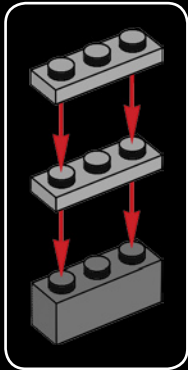


4x





175



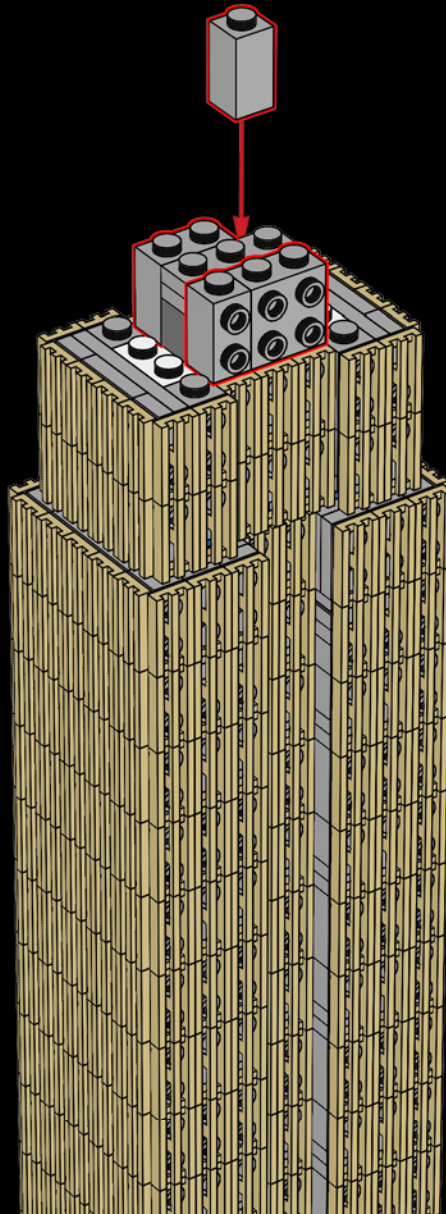


2x



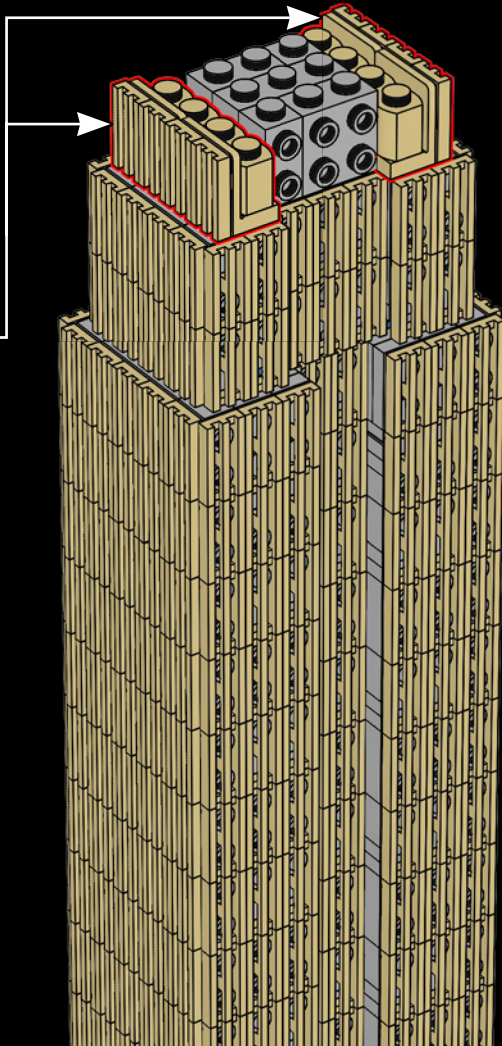
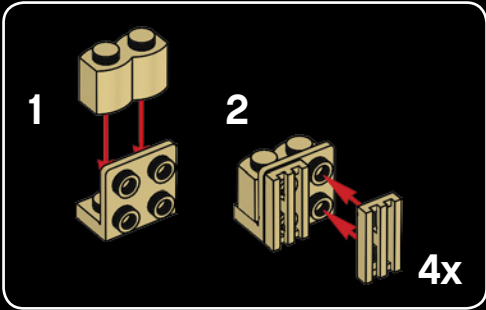
2x

176





177





6x

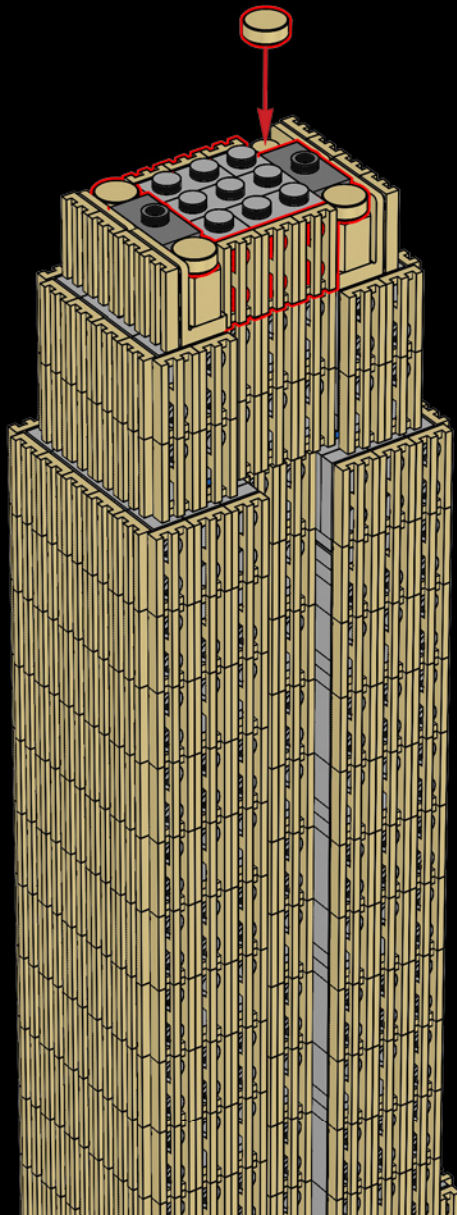


2x



4x

178



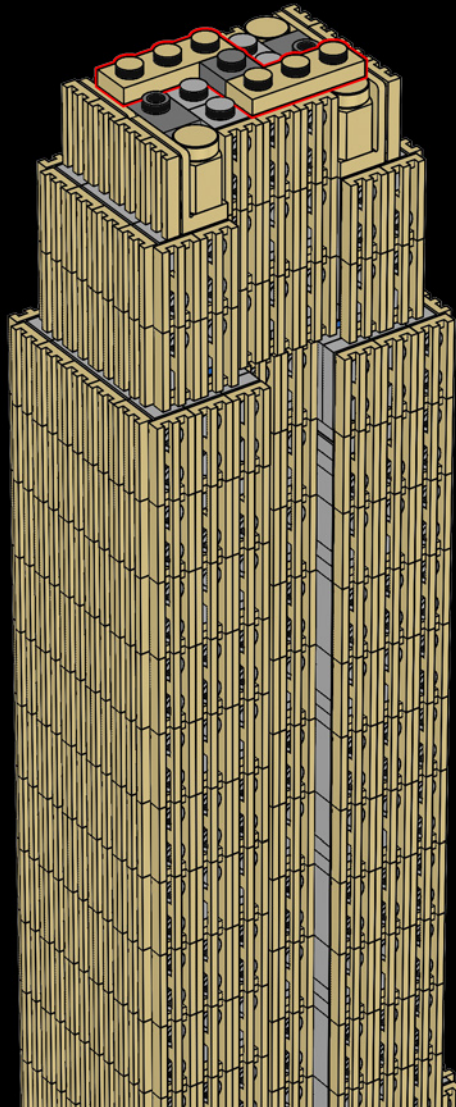


2x



1x

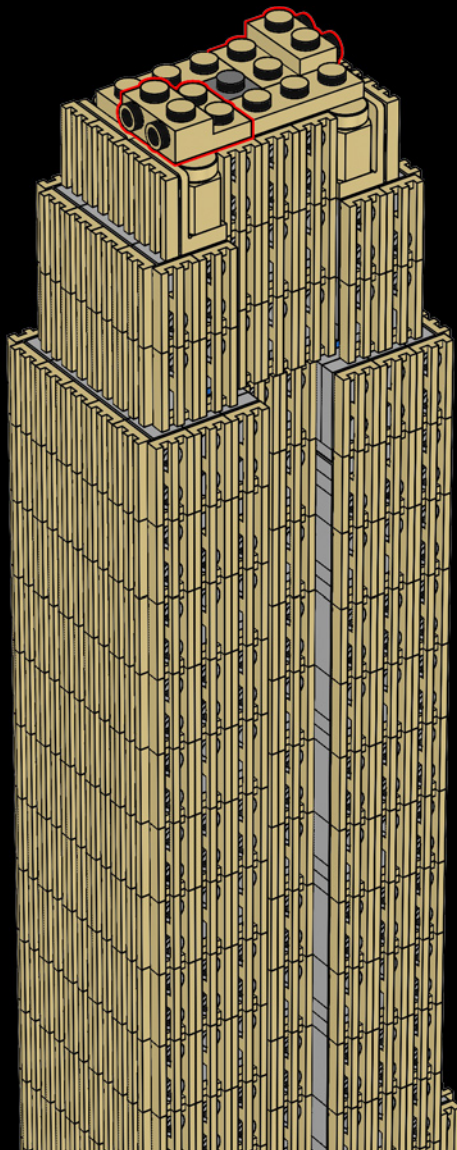
179



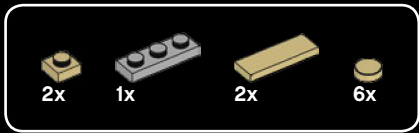


2x

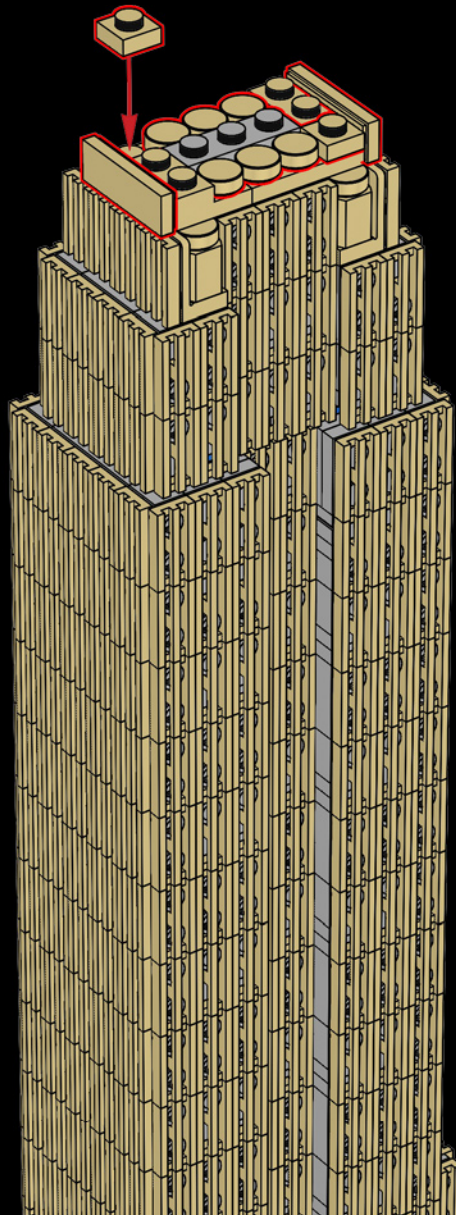
180

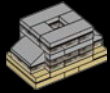


120



181



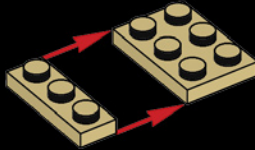


1x



1x

182

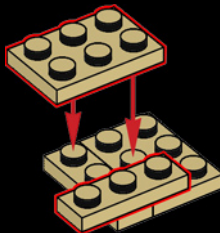


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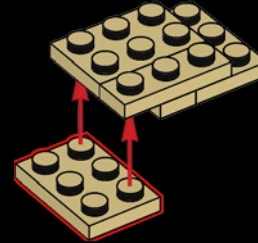
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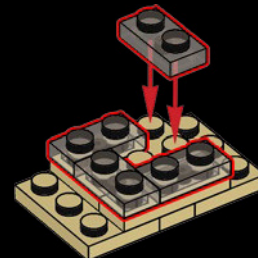
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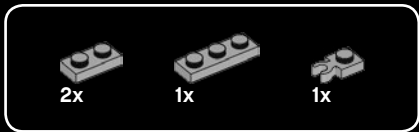
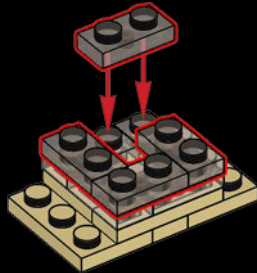
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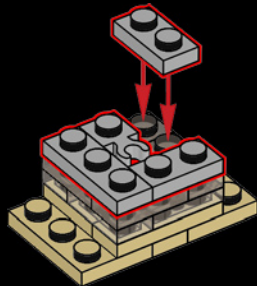




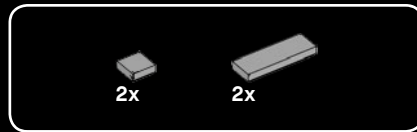
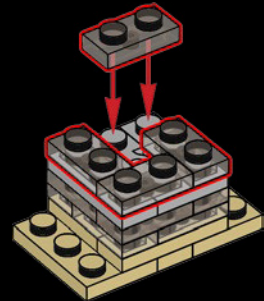
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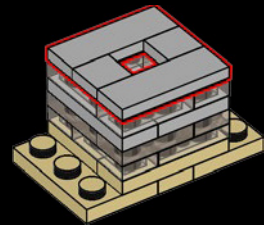
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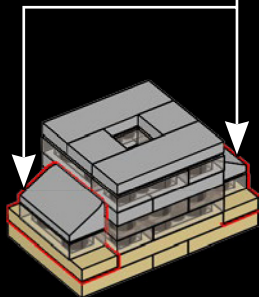
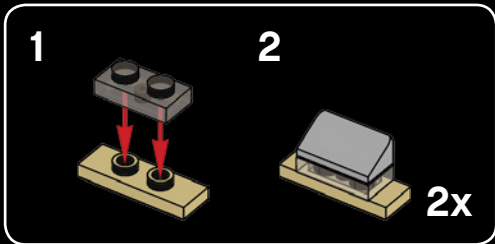


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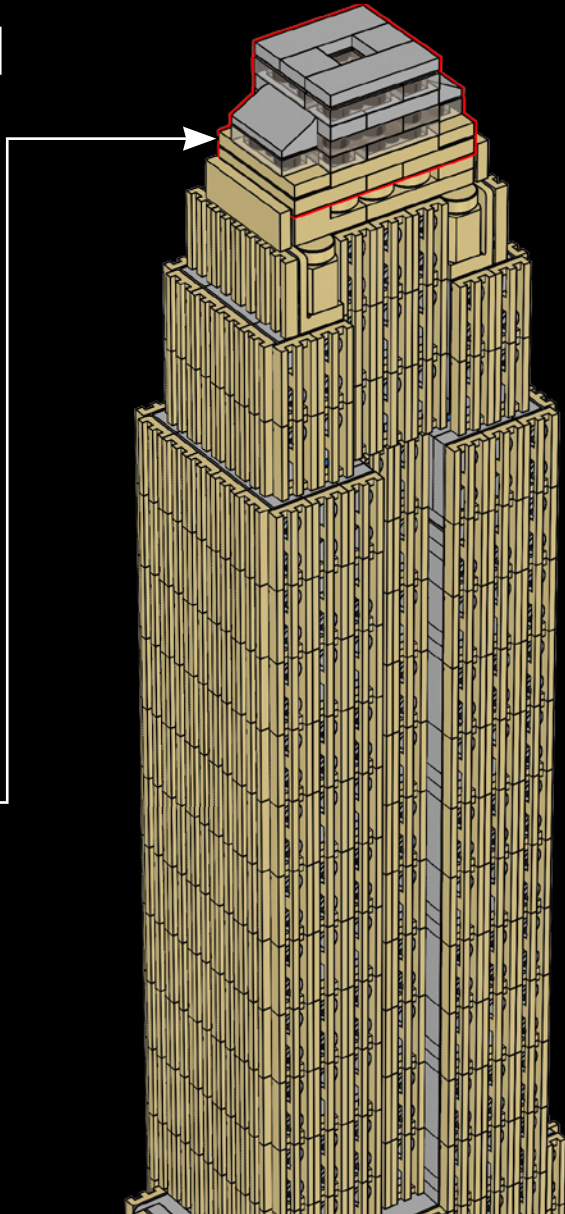




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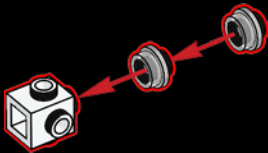


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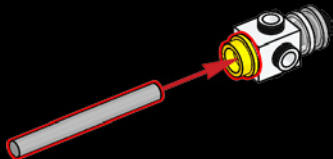




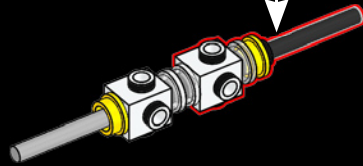
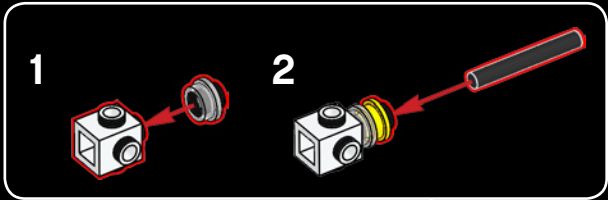
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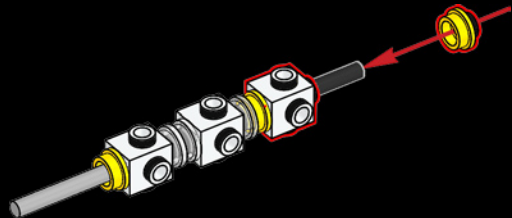
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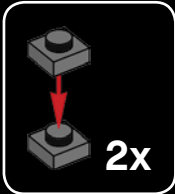
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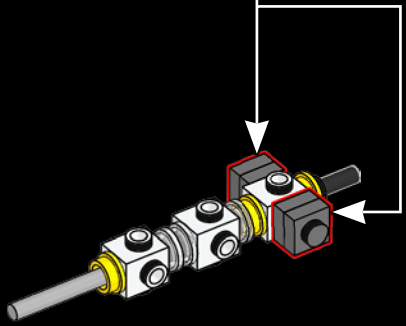


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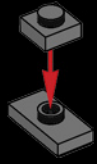
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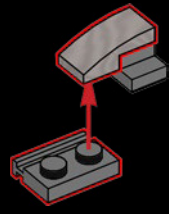
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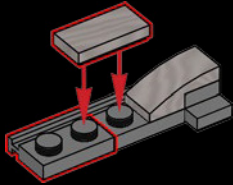
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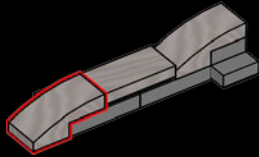
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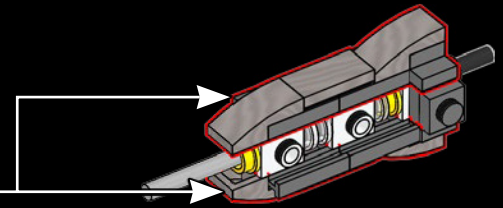
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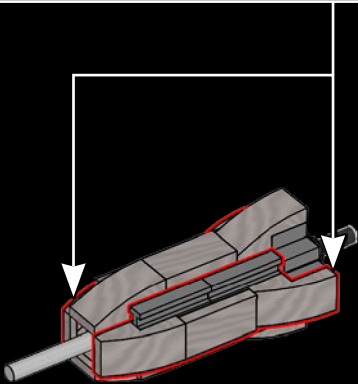
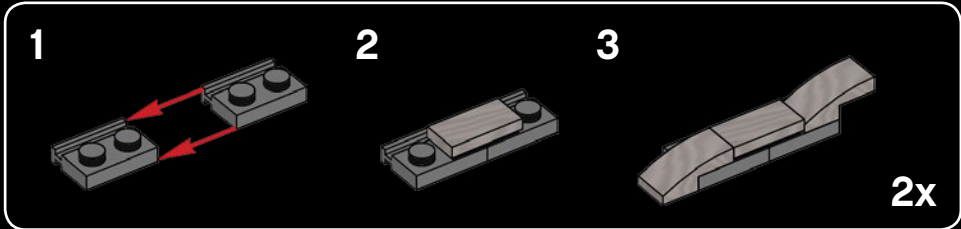
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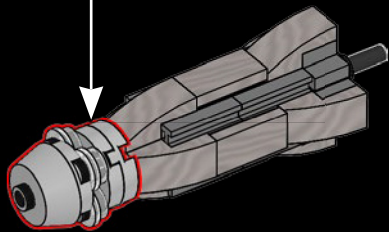
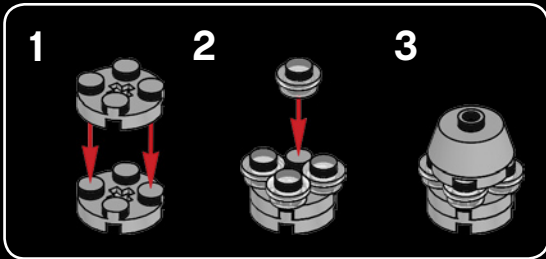
198

A 222 ft. (68 m) radio antenna was erected on top of the tower in 1950, allowing the area's television stations to broadcast from the building. Atop the tower is the 203 ft. (61.9 m) pinnacle, much of which is covered by broadcast antennas and surmounted with a lightning rod.

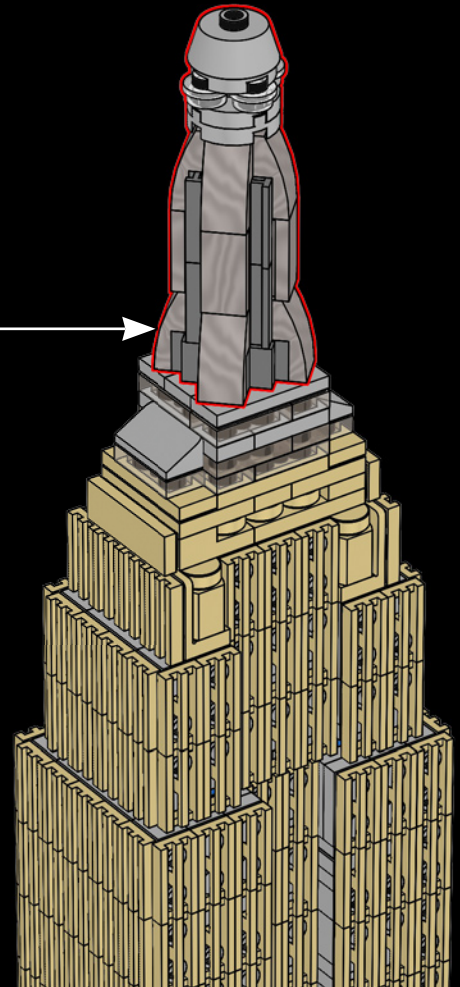


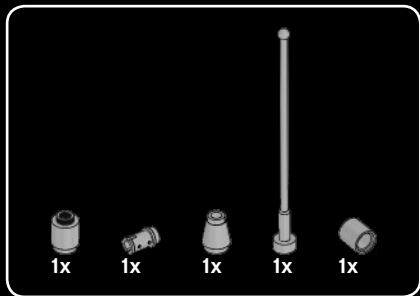


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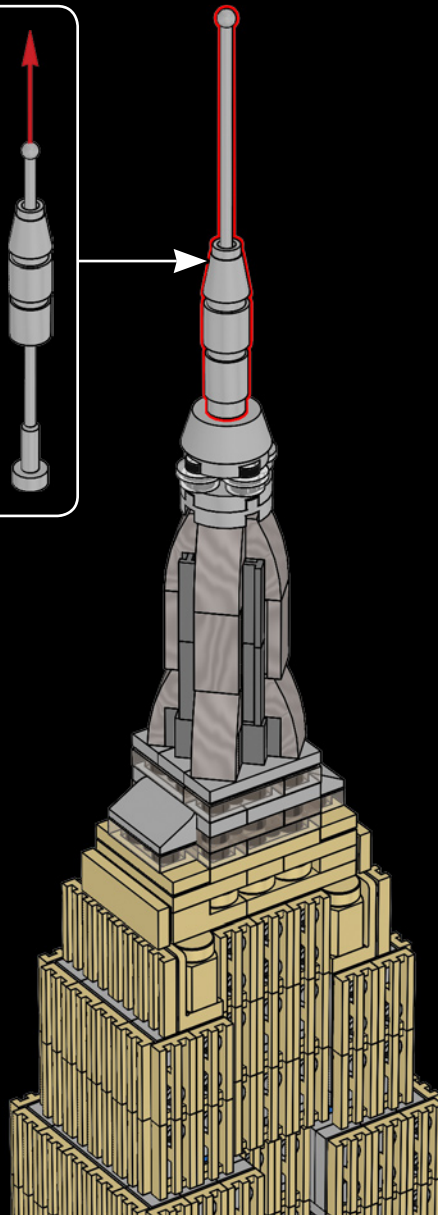
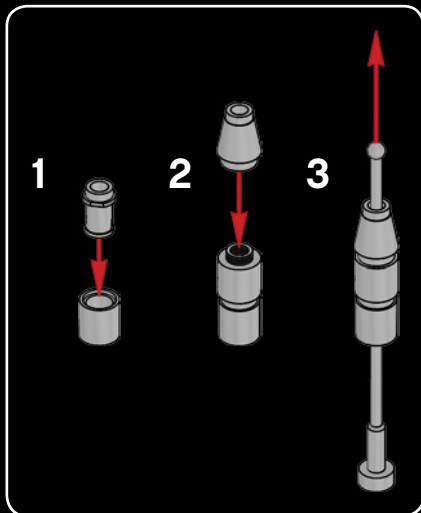


200





201



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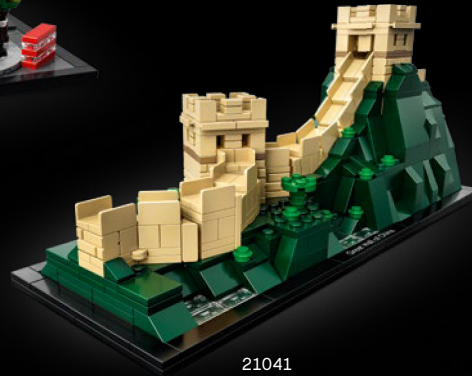
Adam Reed Tucker is the co-developer of the LEGO Architecture product line.



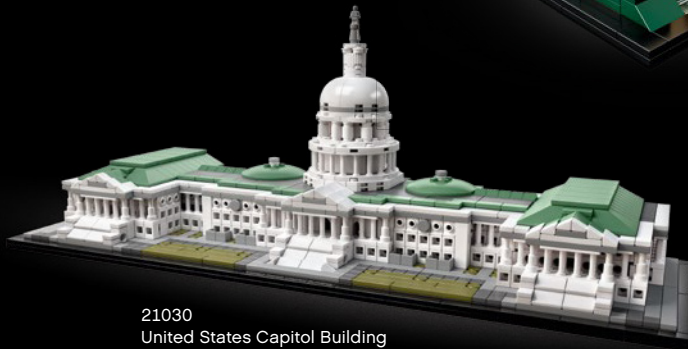
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and collect all the models



21045
Trafalgar Square



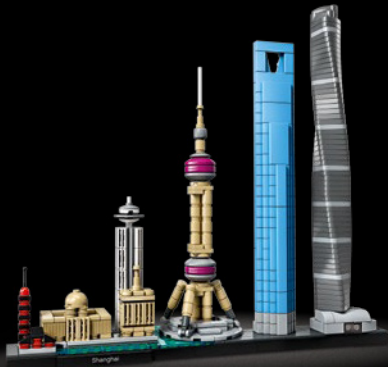
21041
Great Wall of China



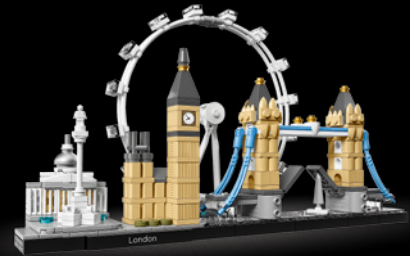
21030
United States Capitol Building

21042
Statue of Liberty





21039
Shanghai



21034
London



21047
Las Vegas



21044
Paris
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21028
New York City



21043
San Francisco

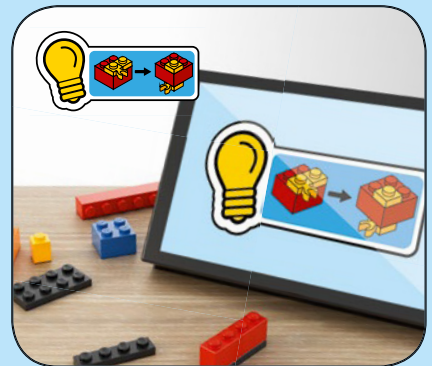
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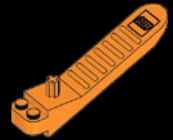
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

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

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

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

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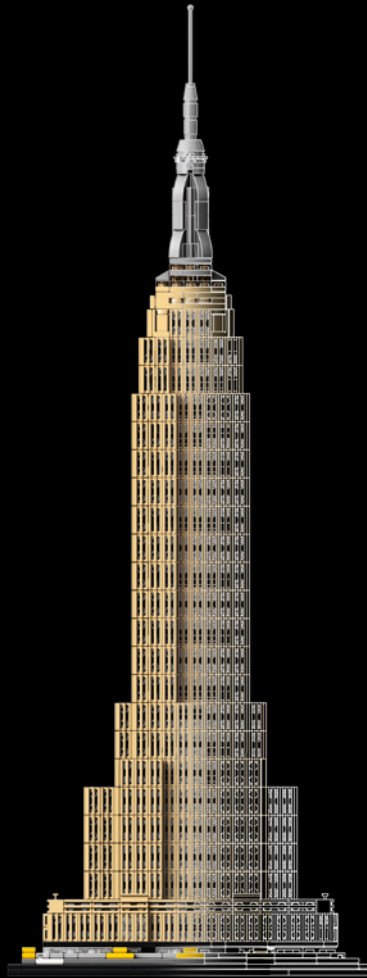

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