



THE TOWER BRIDGE OF LONDON

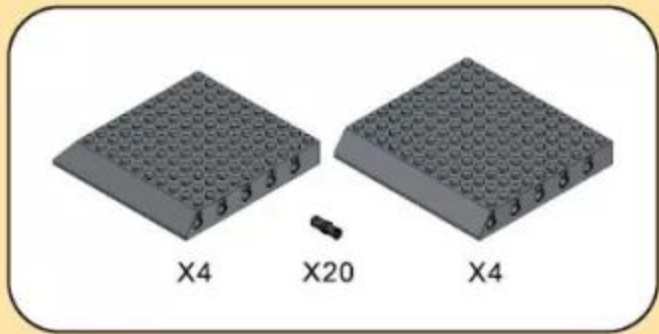
England
The world's great architecture

Ages
6+

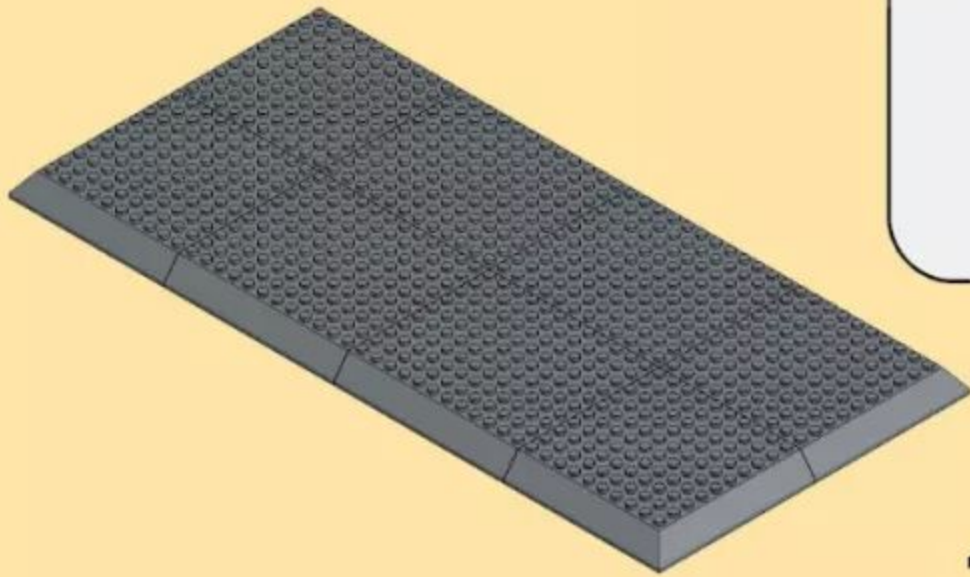
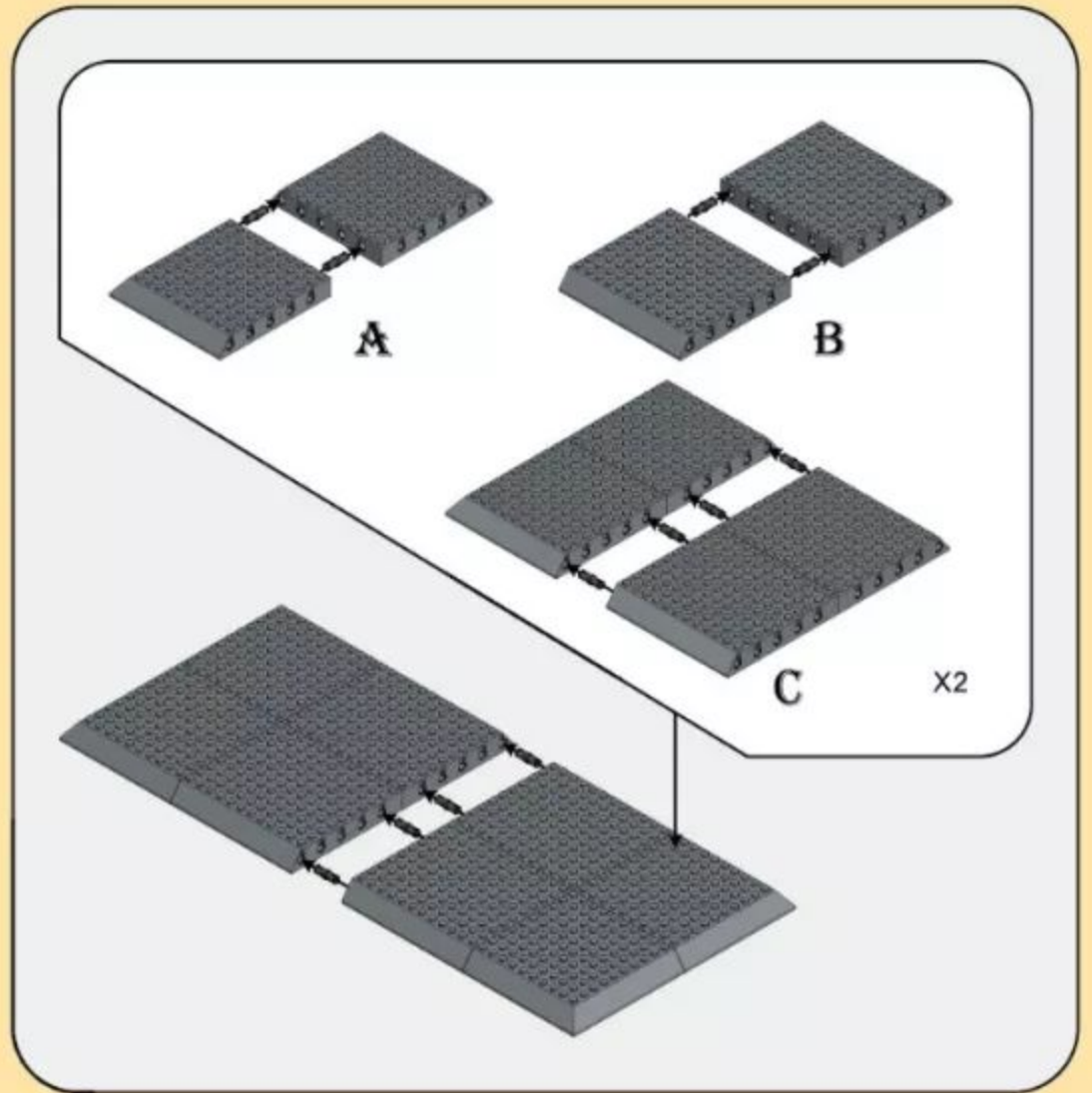


- Creative Ability
- Family Interaction
- Reasoning Ability
- Thinking Ability
- Practical Ability

NO.5215
1054 PCS



1

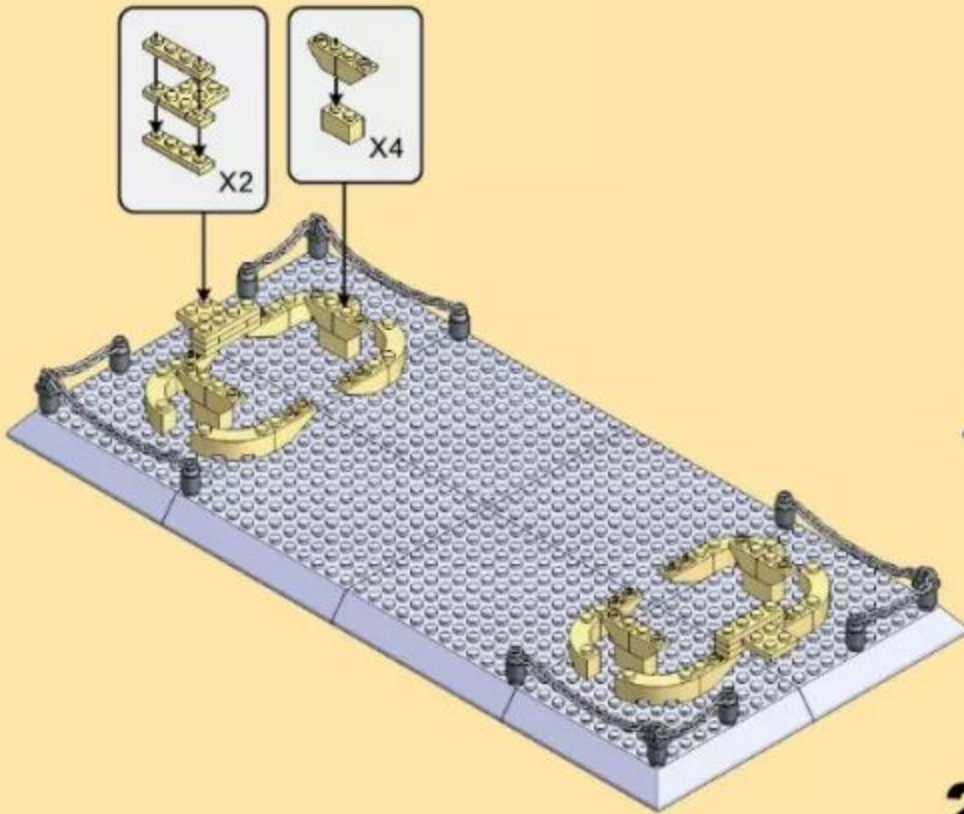


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- X4
- X4
- X4
- X4
- X4
- X4
- X8
- X8
- X8
- X4
- X12

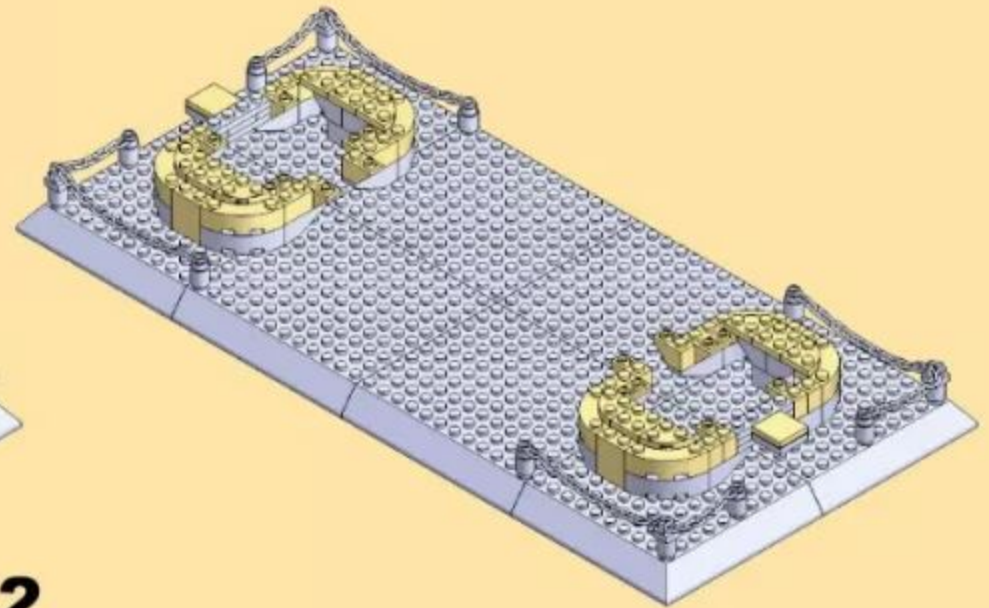
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- X4
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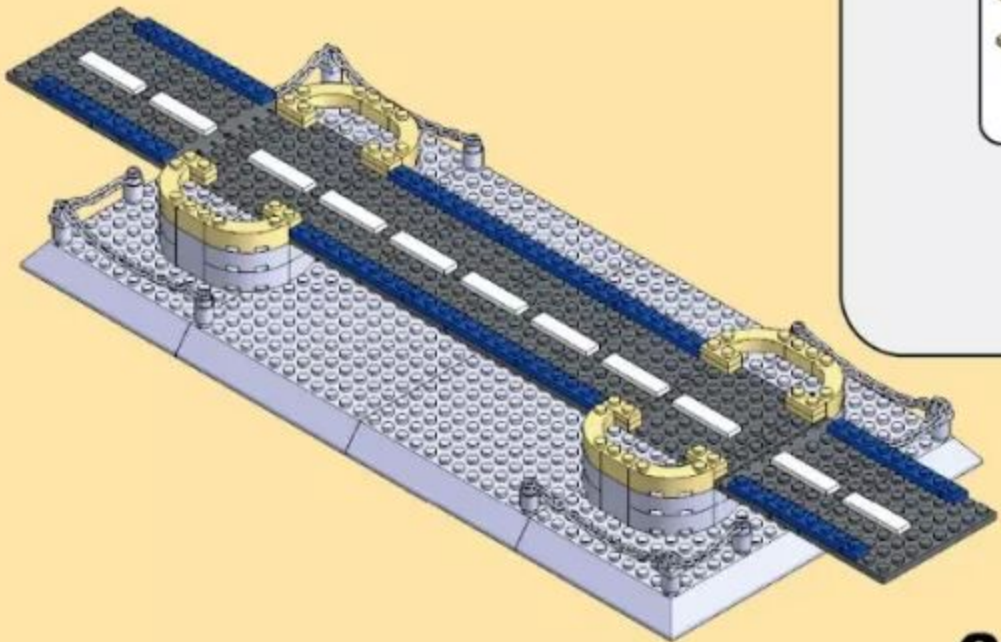
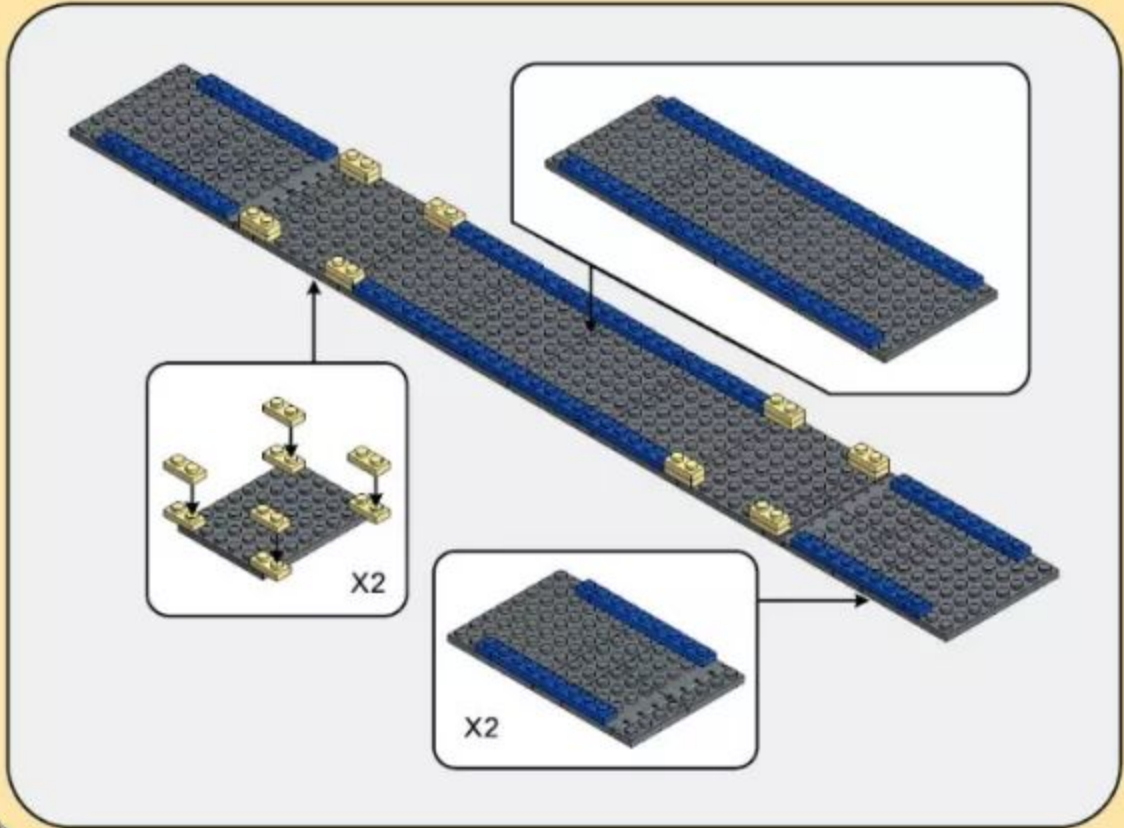


2





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3



X16



X6



X4



X4



X8



X4

5



X4



X8

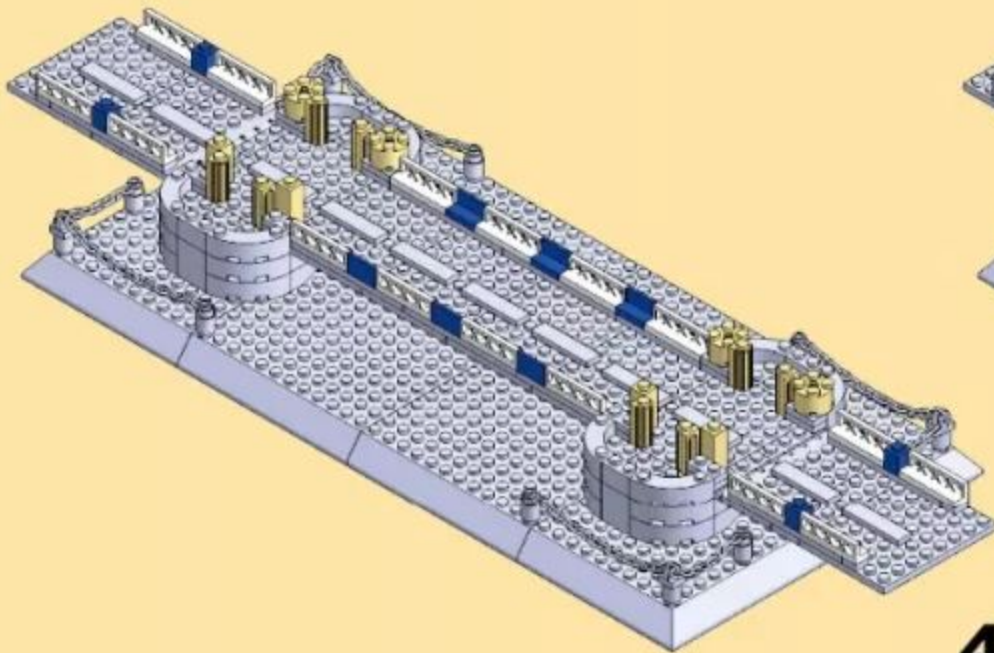


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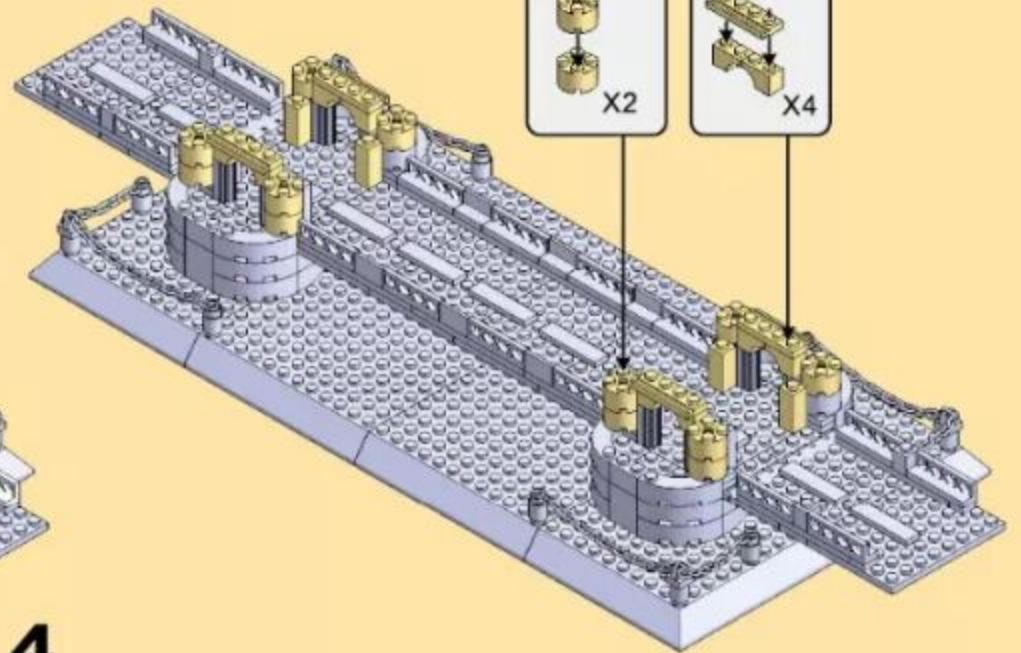


X12

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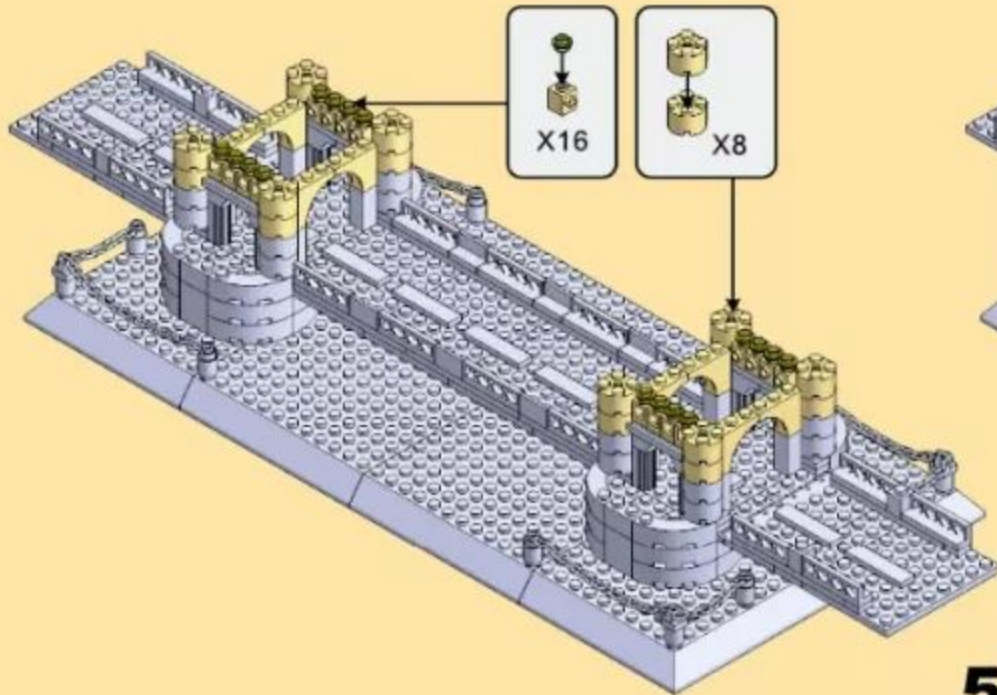
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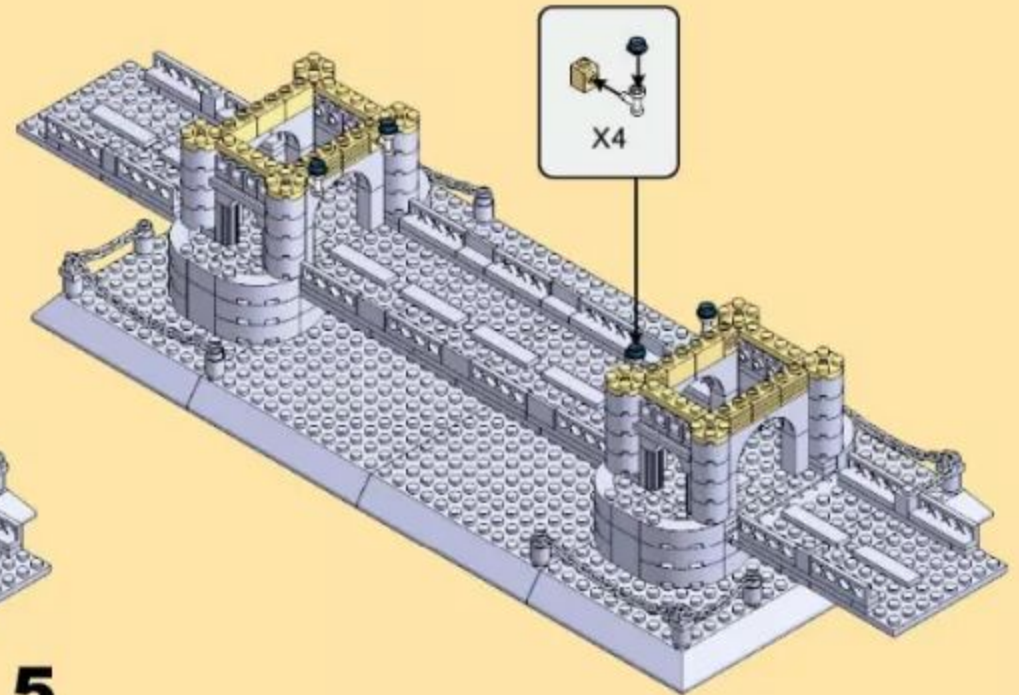
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8



5





X4



X4



X8



X8



X8



X16

9



X12



X8



X12

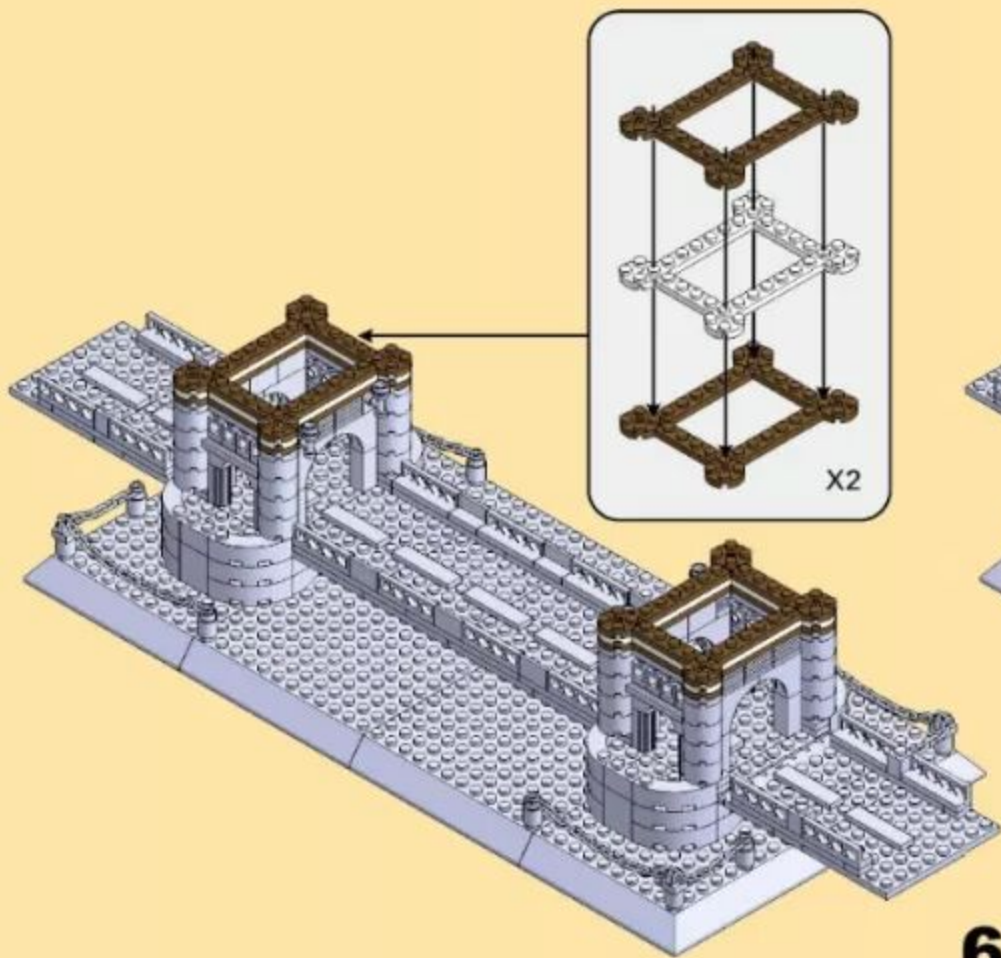


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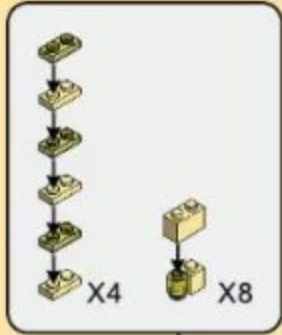
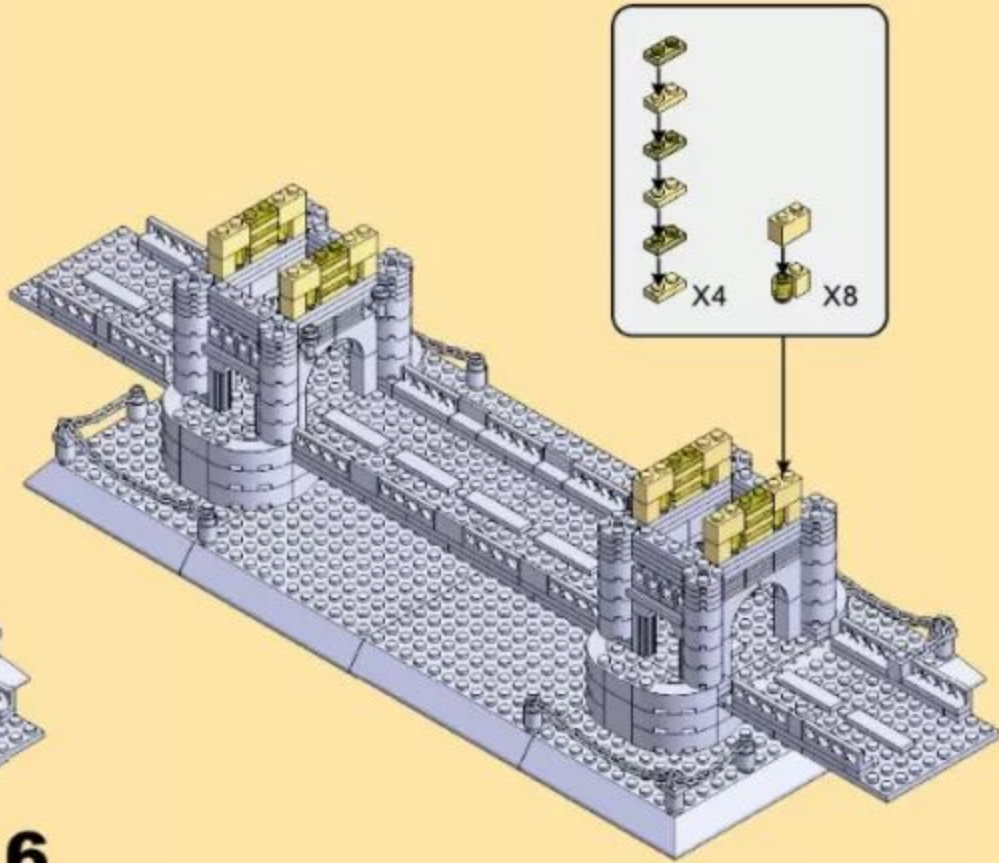
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X2

6



X4

X8



X16



X8



X16

11



X8



X16



X4



X8

12



X8



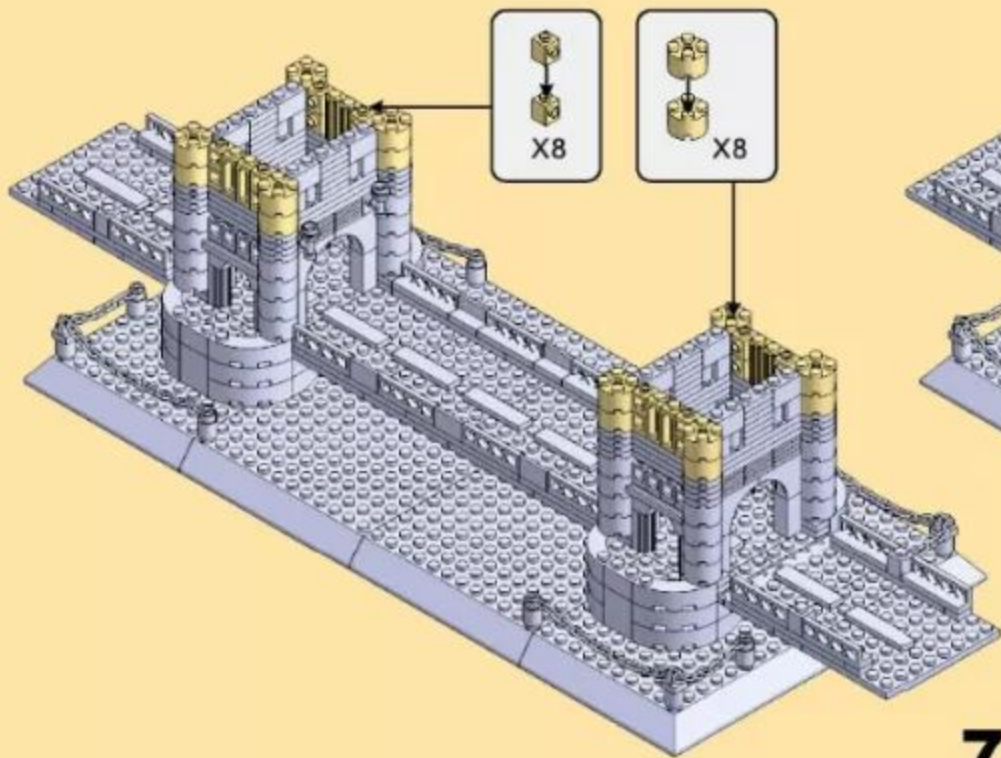
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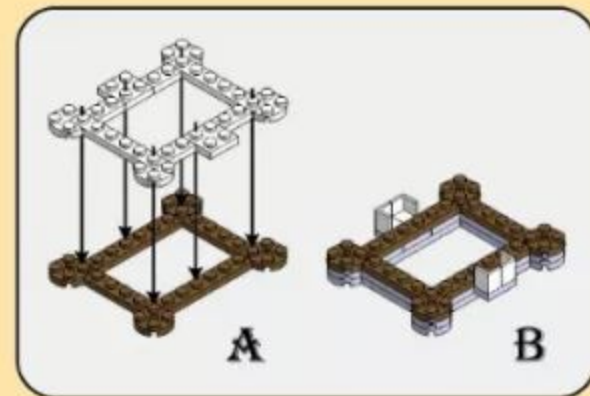
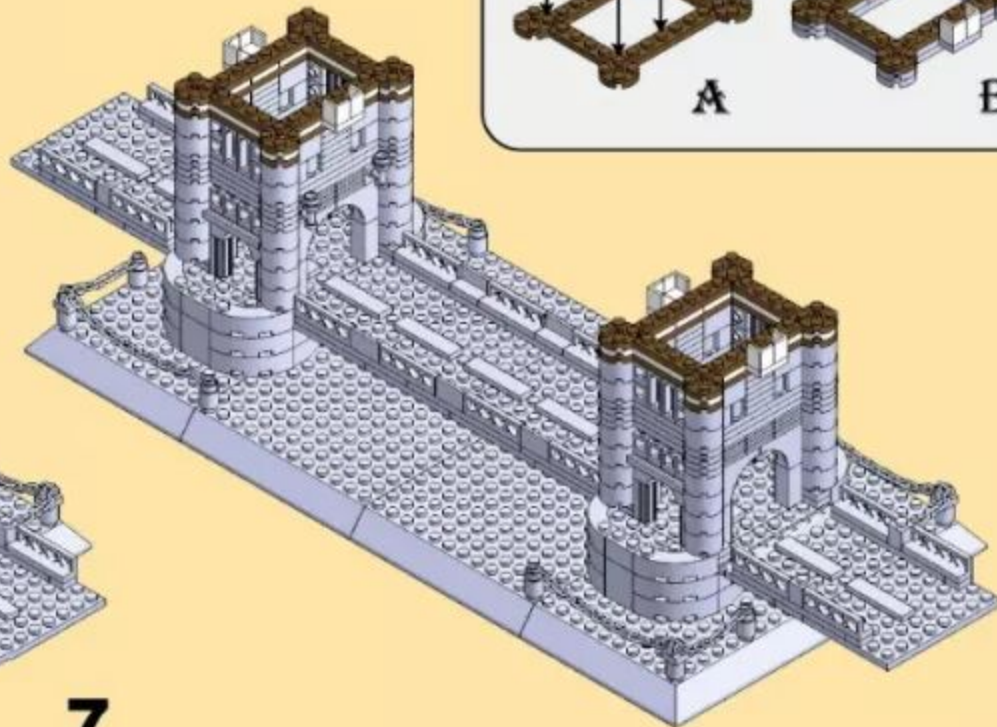
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X8



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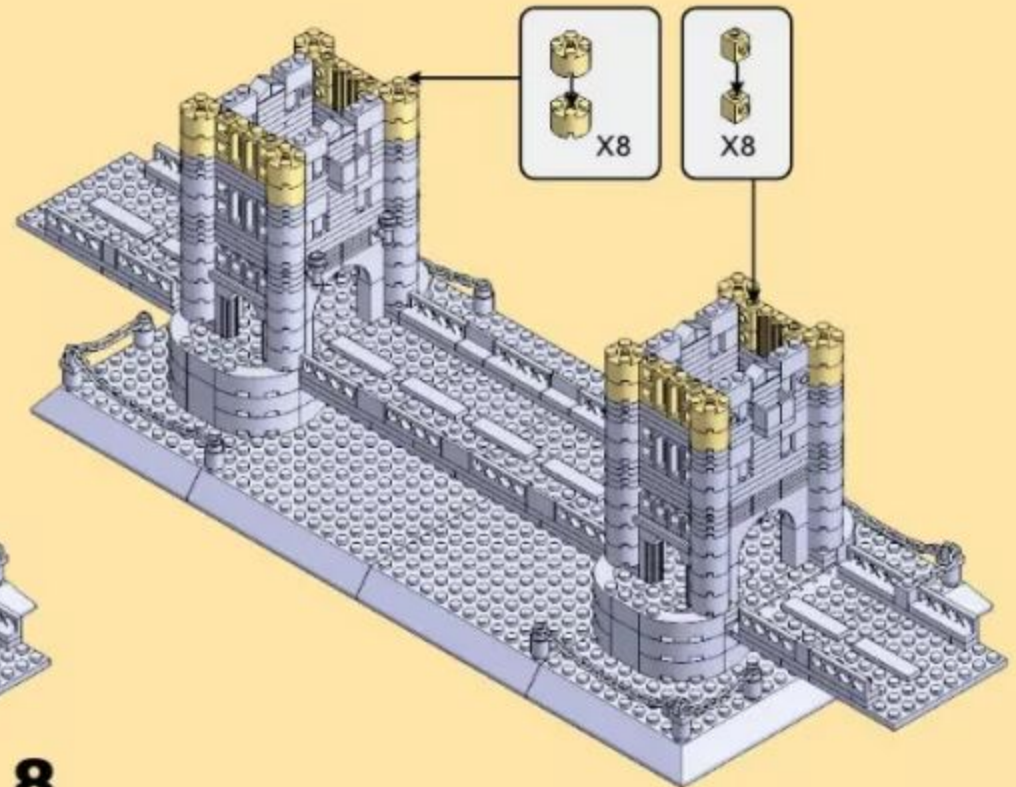
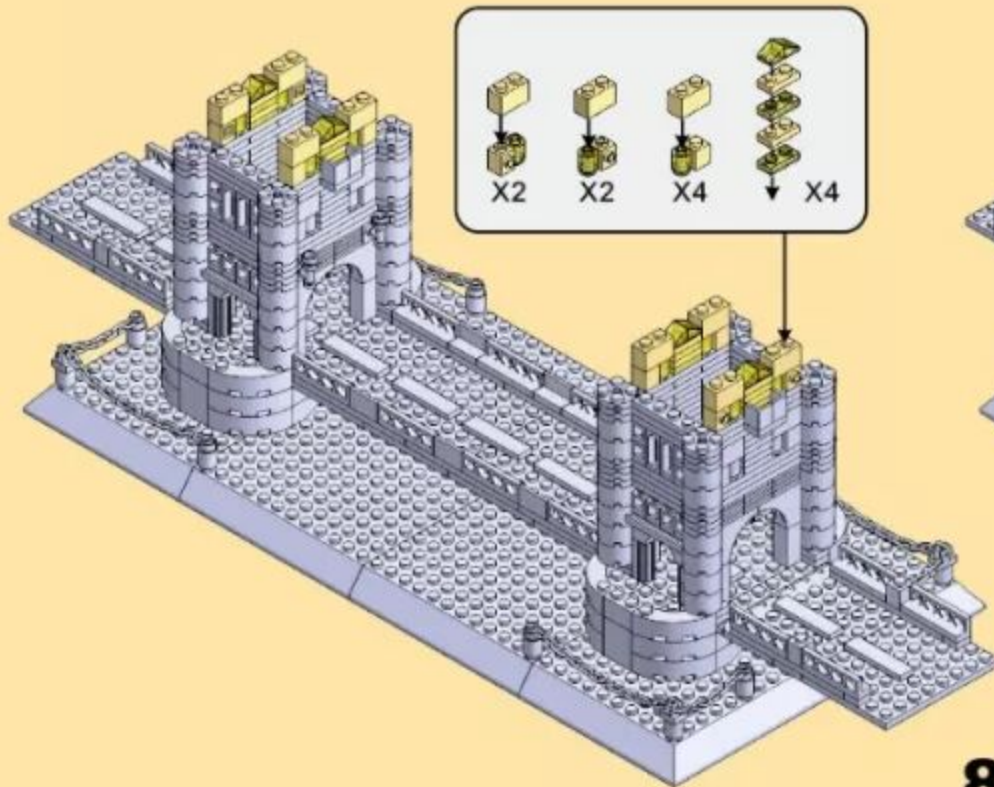
X8 X8 X8

X8 X4 X4 X8

13

X16 X8 X16

14



8



X4



X4



X8



X8



X8



X16

15



X4



X16



X8



X4

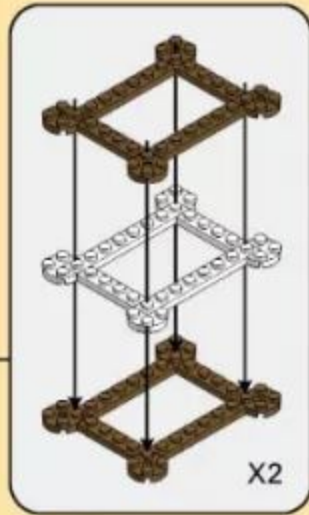


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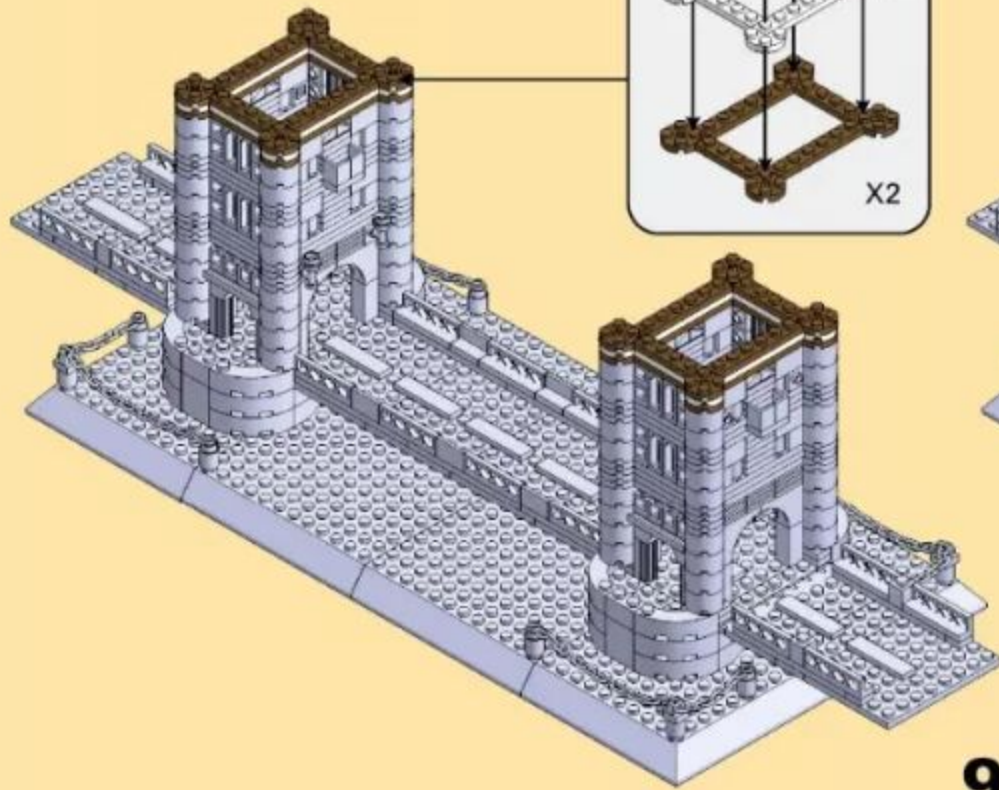


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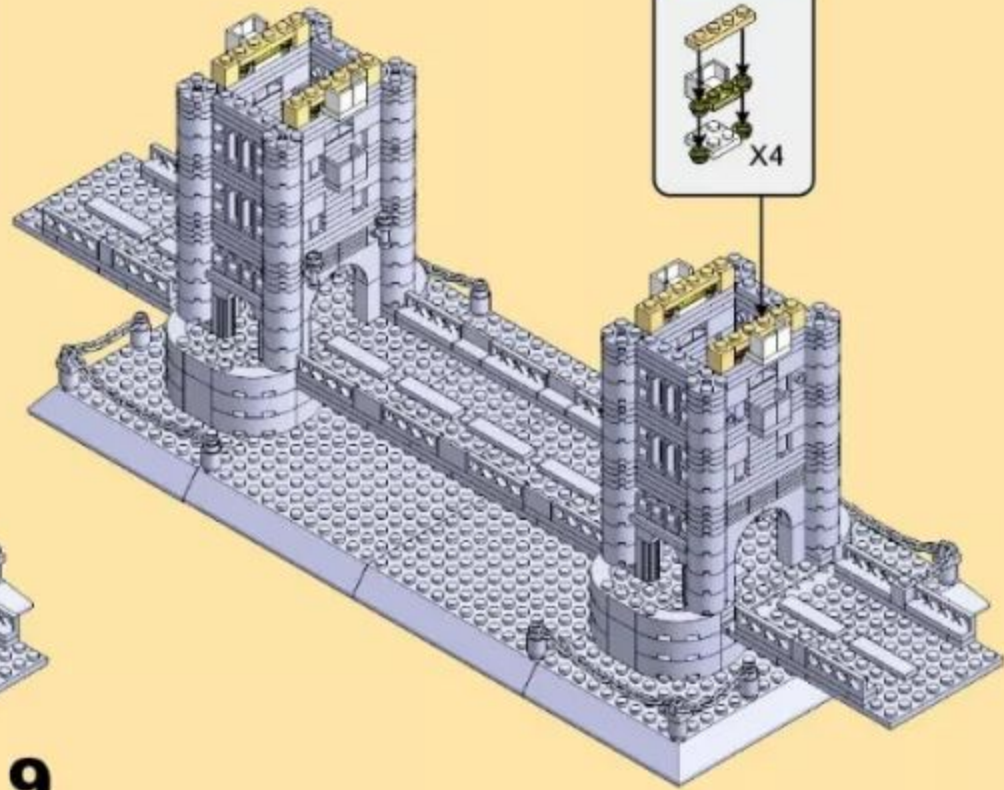
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X2



X4



9



X6



X2



X8



X6

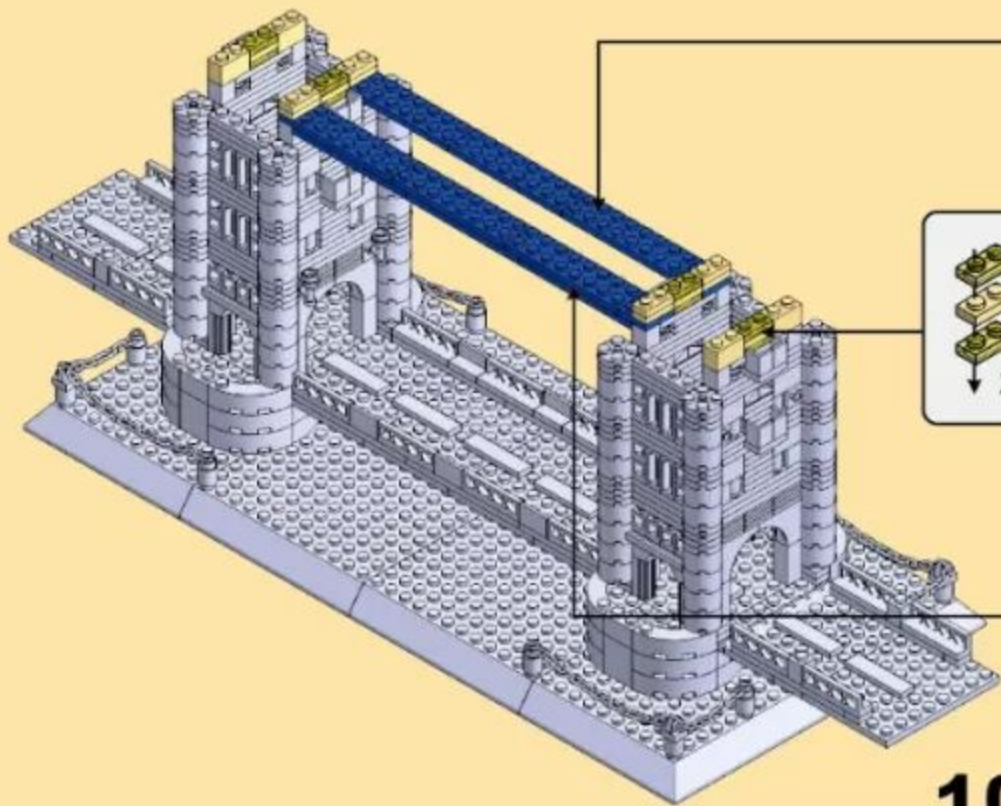


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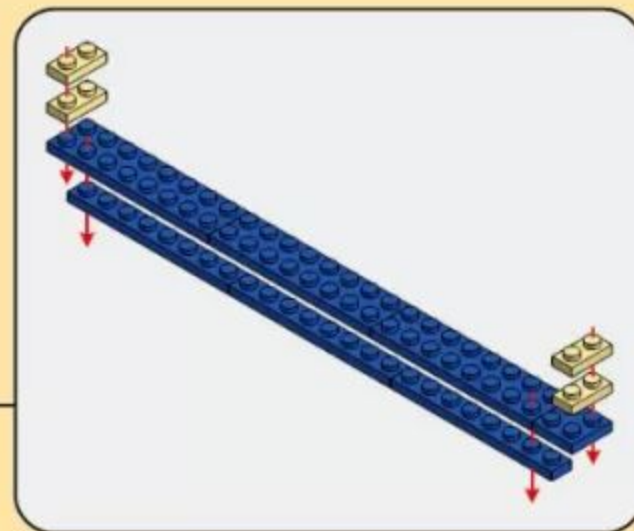
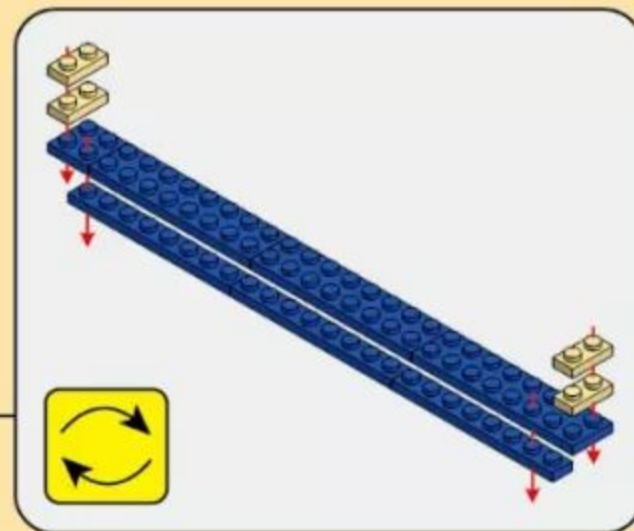


X12

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10





X16



X8



X16

18



X2



X4



X2



X8



X8

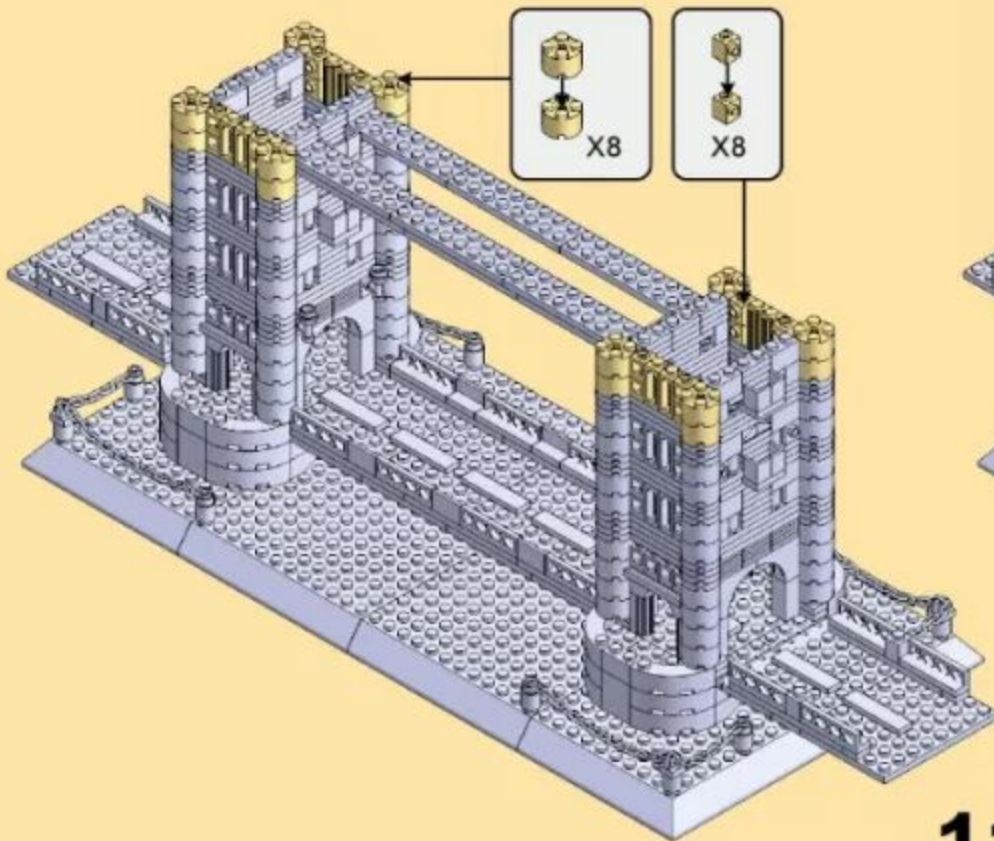


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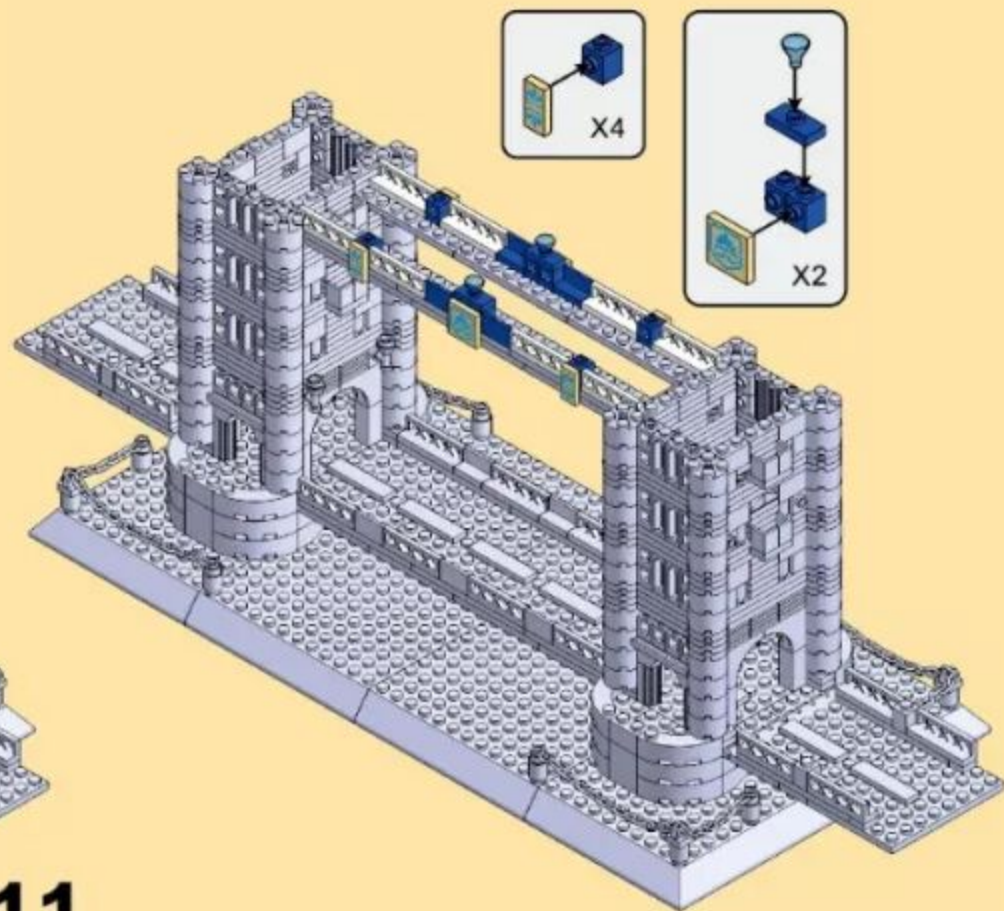


X4

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11





X4



X4



X8



X8

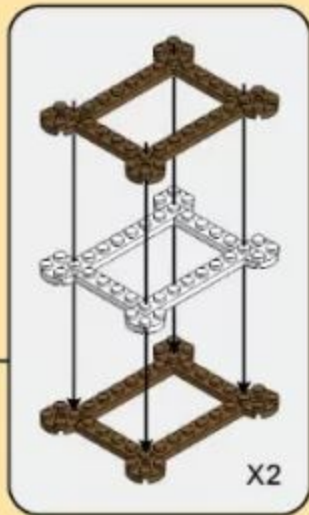


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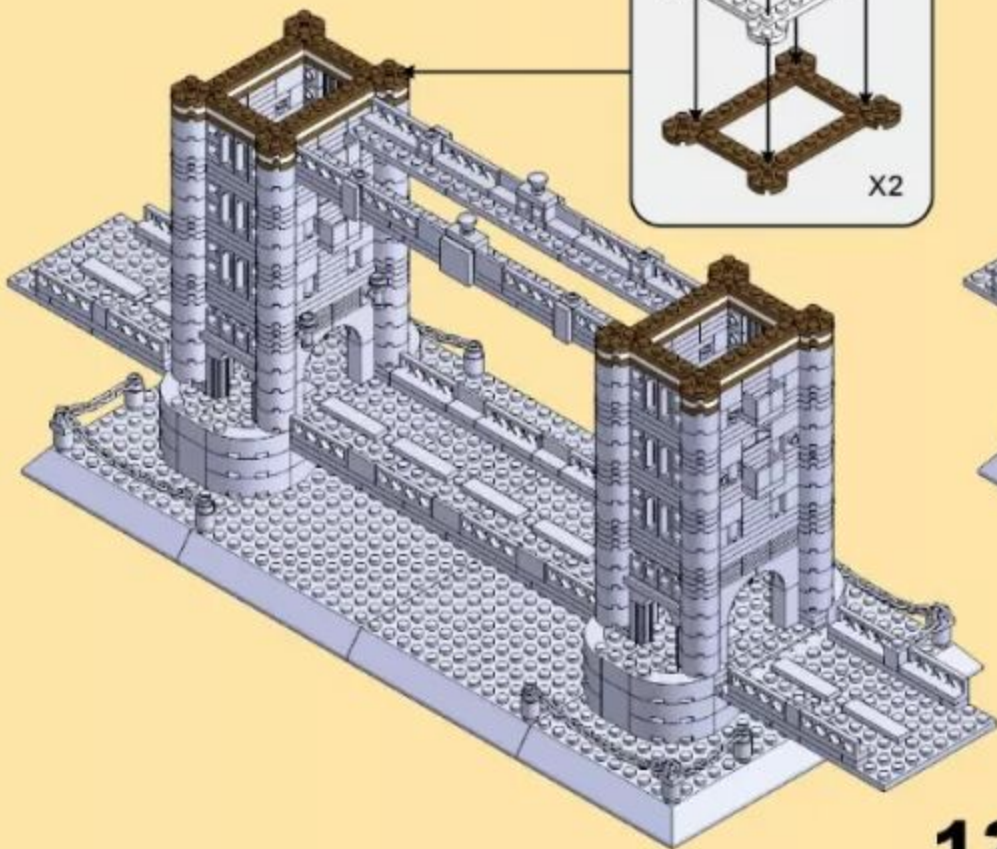


X16

20



X2



X8



X32

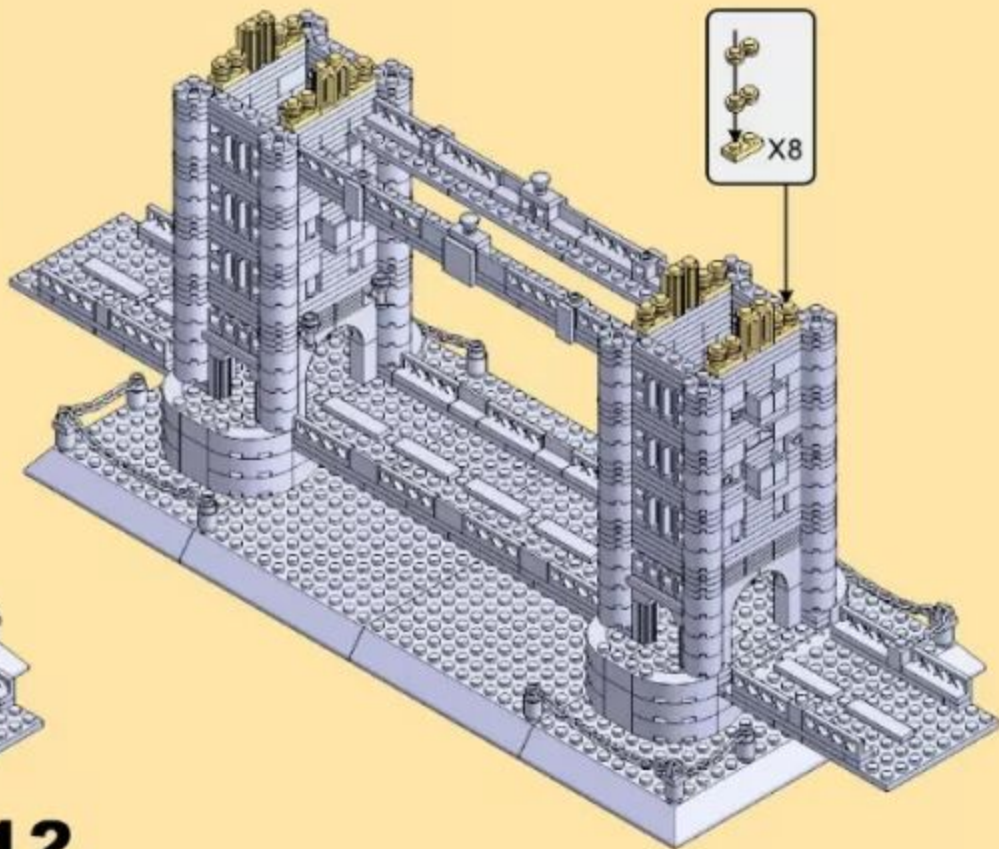


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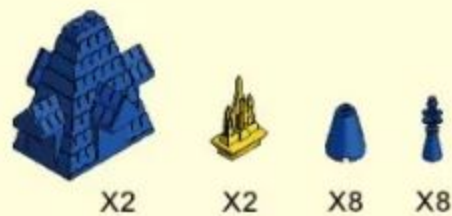
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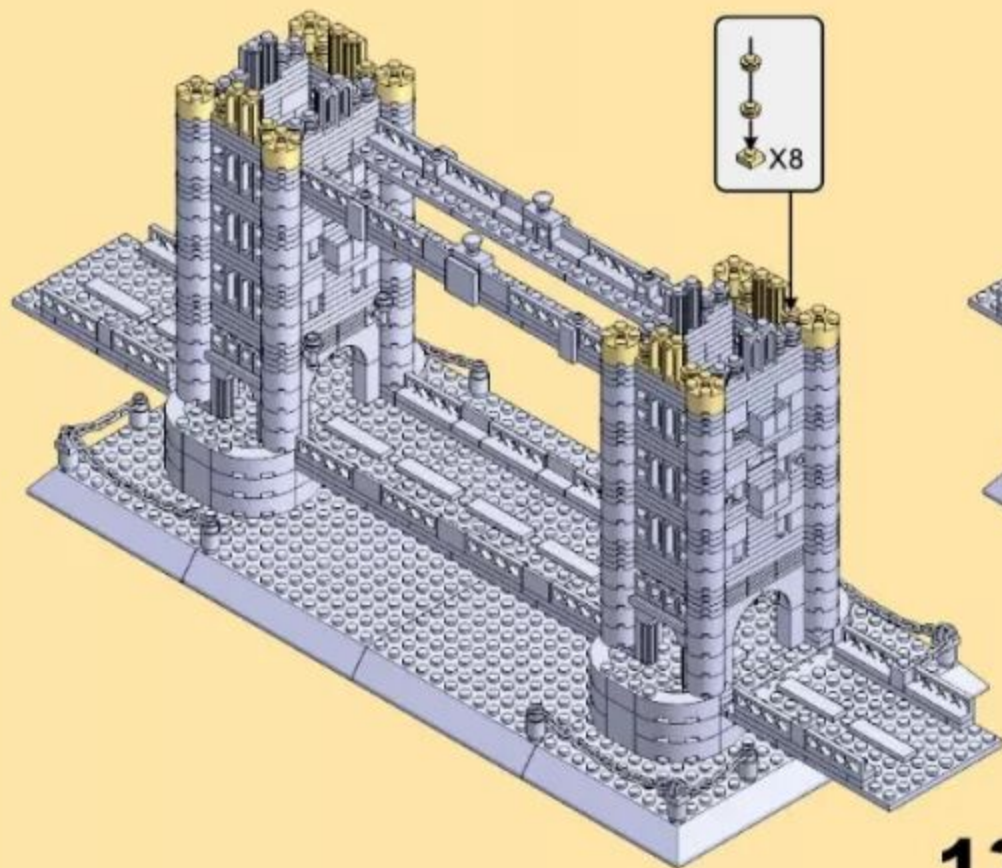
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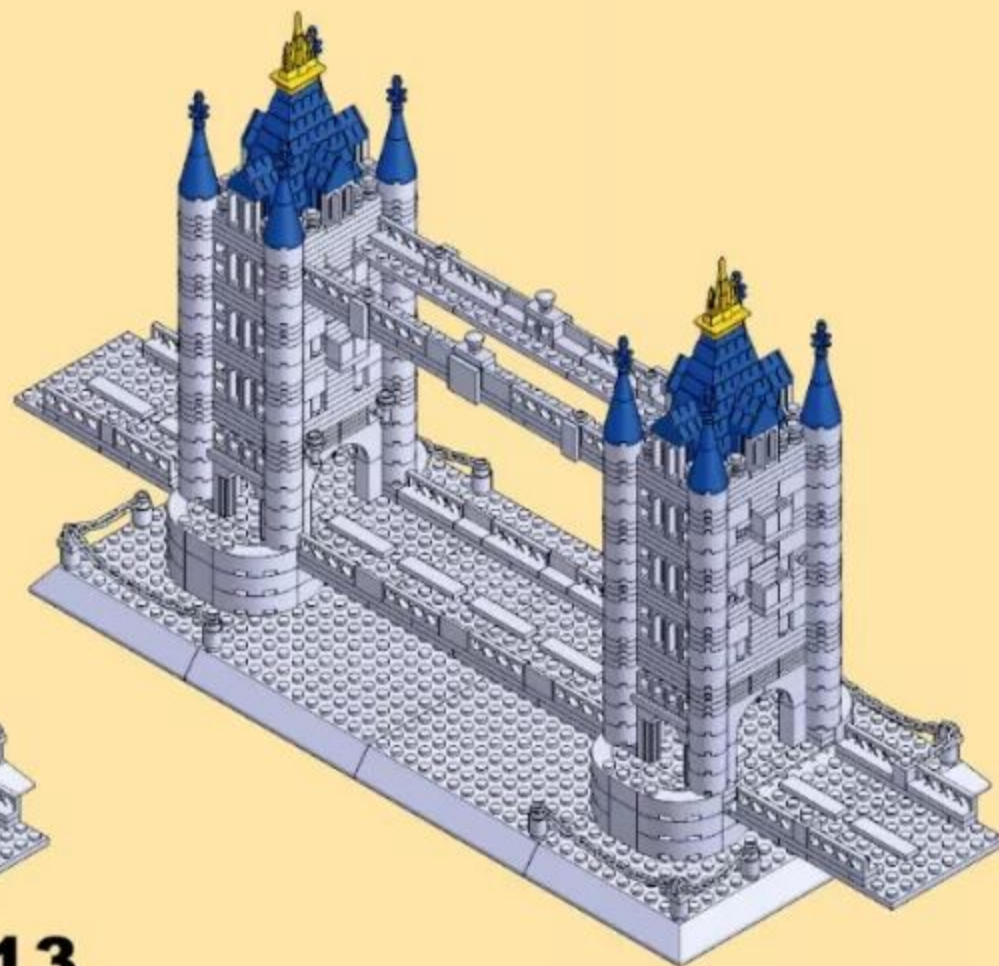
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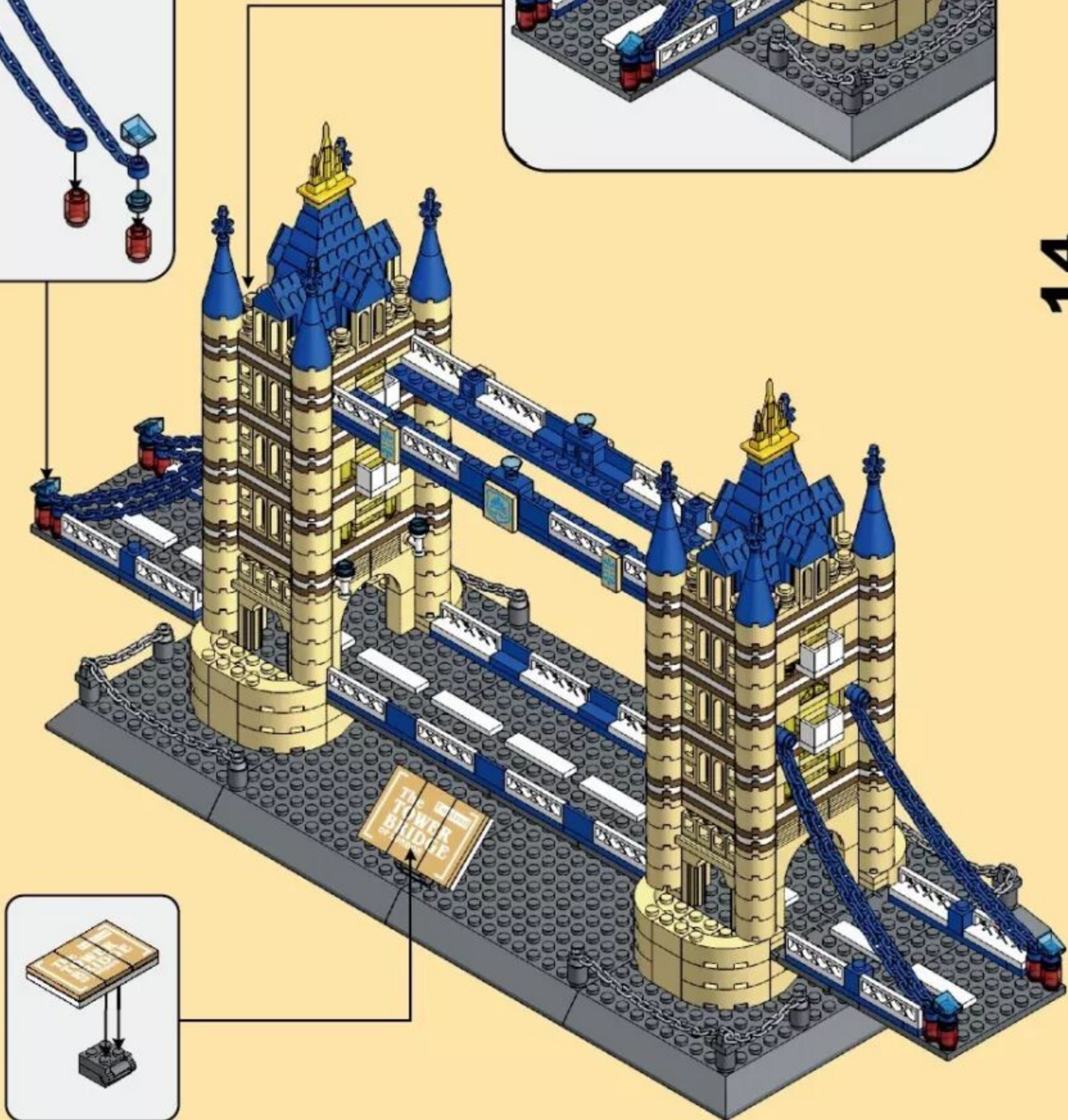
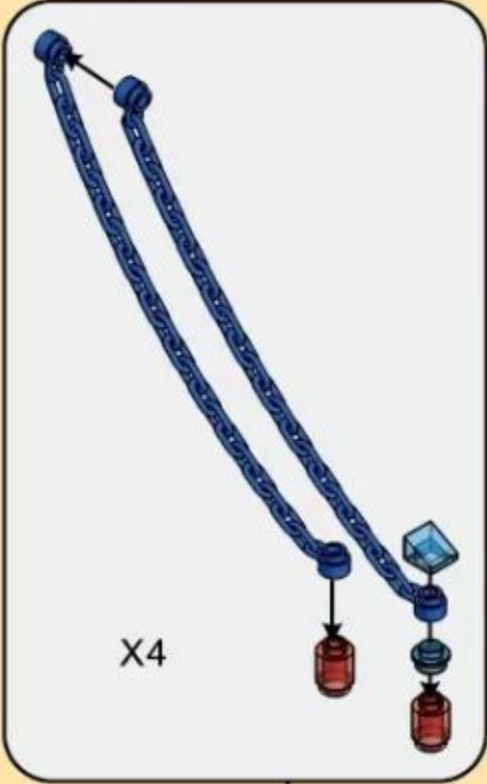
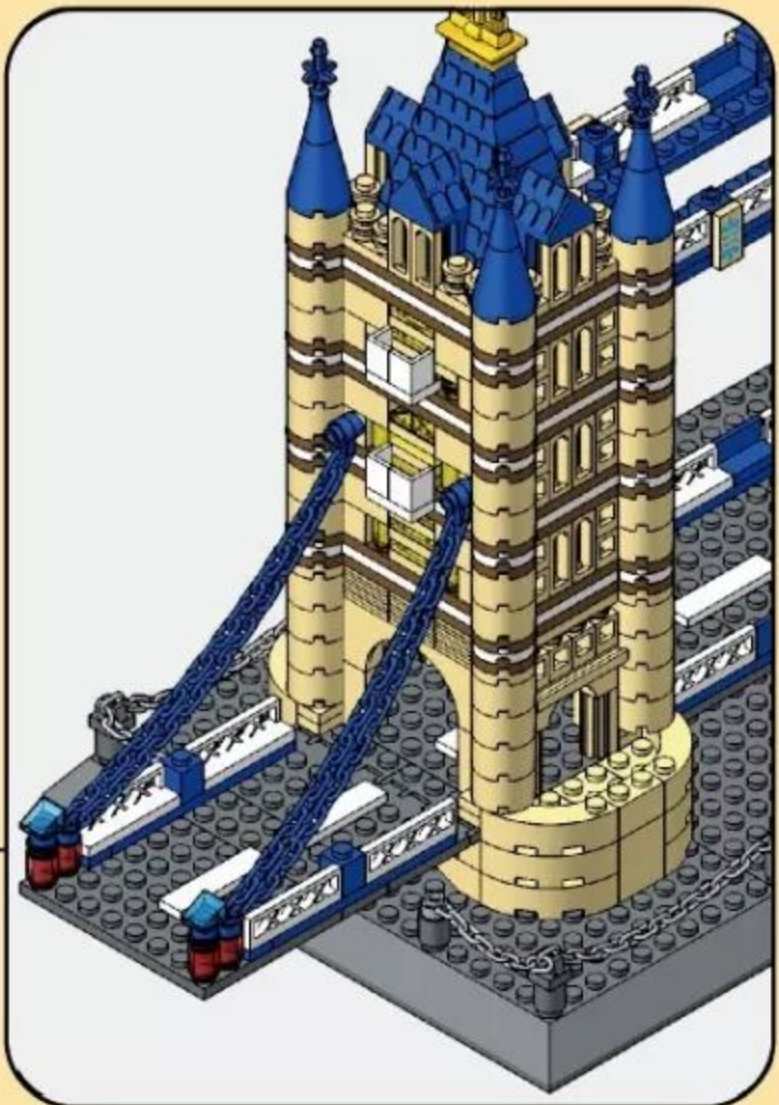


13



 X8
  X4
  X4
 X1
 X8
 X1

24



THE TOWER BRIDGE OF LONDON

INTRODUCTION

Plans for the Tower Bridge were devised around 1876 when the east of London became extremely crowded and a bridge across the Thames in that area of the city seemed a necessity. The bridge, designed by city architect Horace Jones in collaboration with John Wolfe Barry, would eventually be completed in 1894. Five contractors and nearly 450 workers were involved in the construction of the 265 meter long bridge. It took 11,000 tons of steel to build the framework. At the time many people disliked its Victorian Gothic design, but over time the bridge became one of London's most famous symbols.

The bridge consists of two towers which are tied together at the upper level by means of two horizontal walkways which are designed to withstand the horizontal forces exerted by the suspended sections of the bridge on the landward sides of the towers. The vertical component of the forces in the suspended sections and the vertical reactions of the two walkways are carried by the two robust towers. The bascule pivots and operating machinery are housed in the base of each tower. The bridge's present colour dates from 1977 when it was painted red, white and blue for the Queen's Silver Jubilee. Originally it was painted a chocolate brown colour.

