

TOWER BRIDGE

England / Angleterre

The world's greatest architectural designs /
Les plus grandes œuvres architecturales du monde

6+



Creativity / Créativité

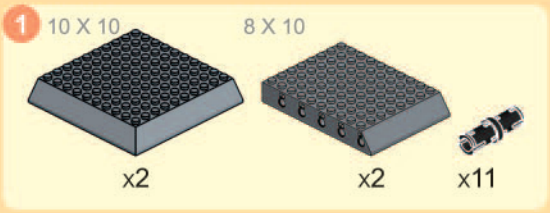
Family Interaction / Interaction familiale

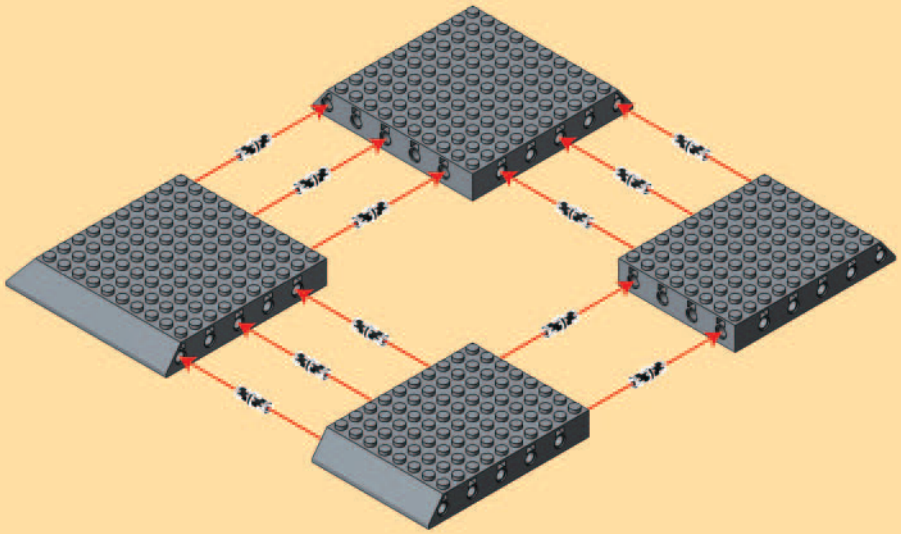
Observation

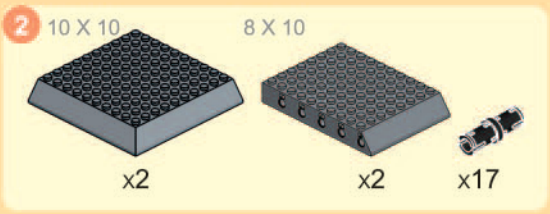
Reasoning / Raisonnement

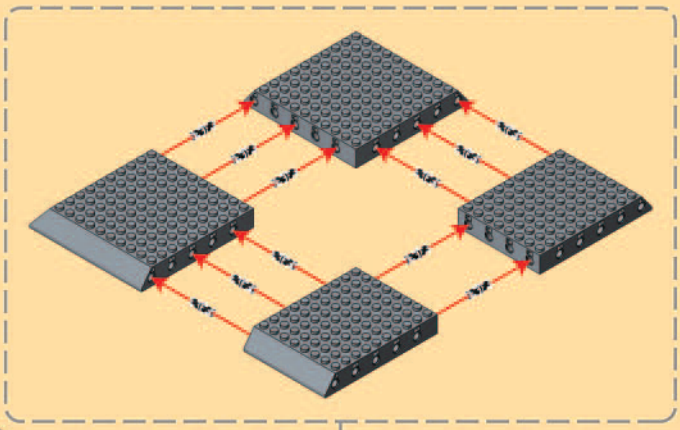
Fine motor skills / Motricité fine

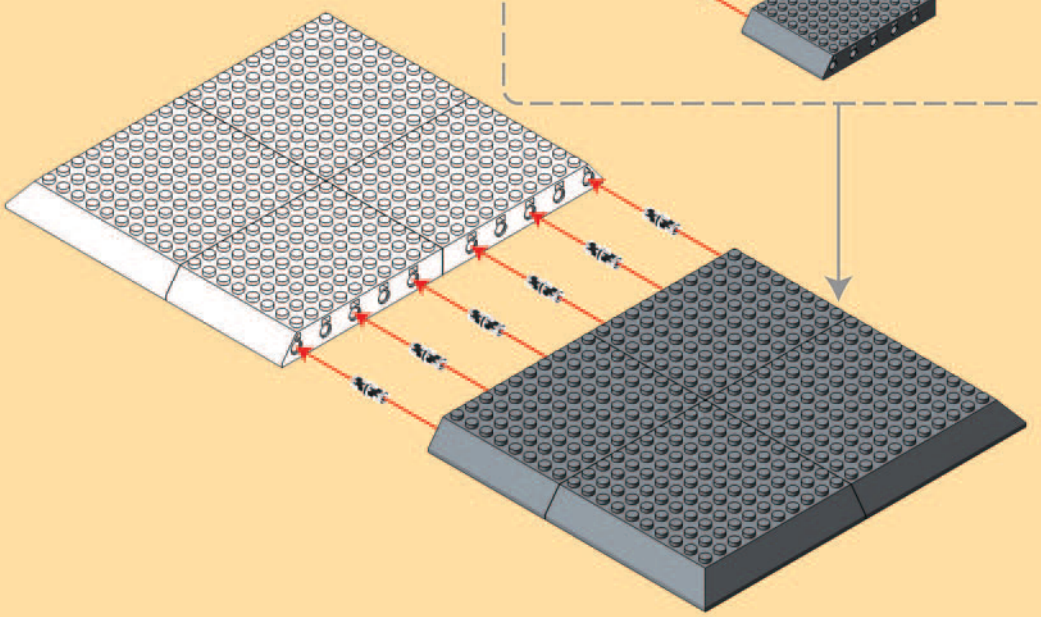
969 PCS


1
10 X 10
8 X 10
x2
x2
x11

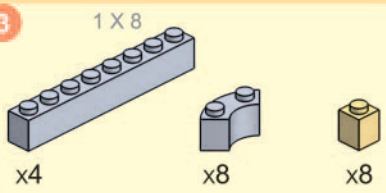


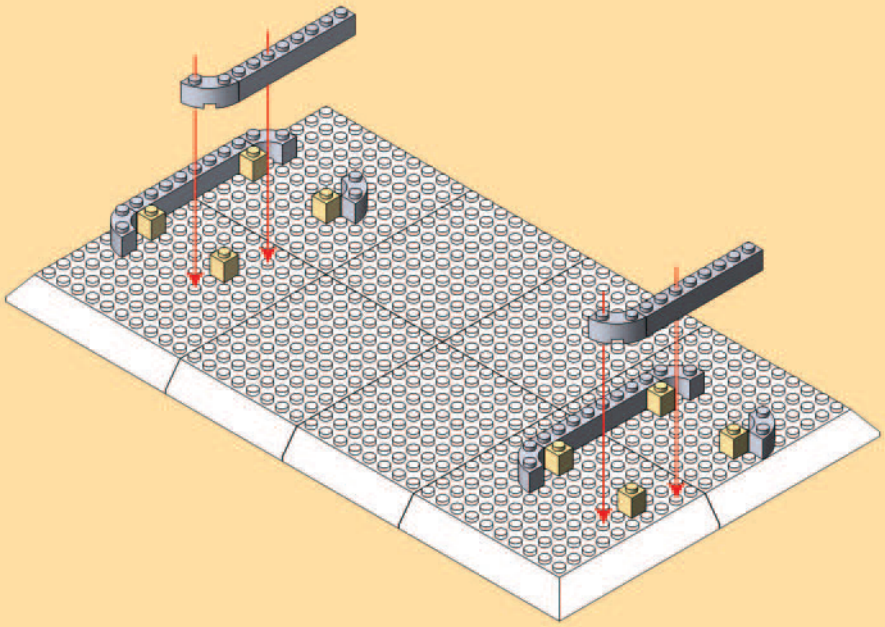

2
10 X 10
8 X 10
x2
x2
x17



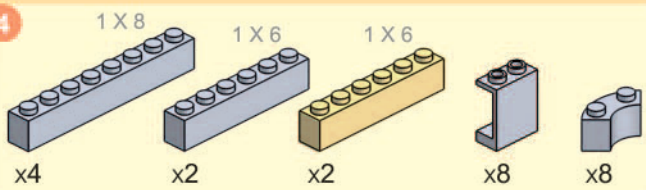


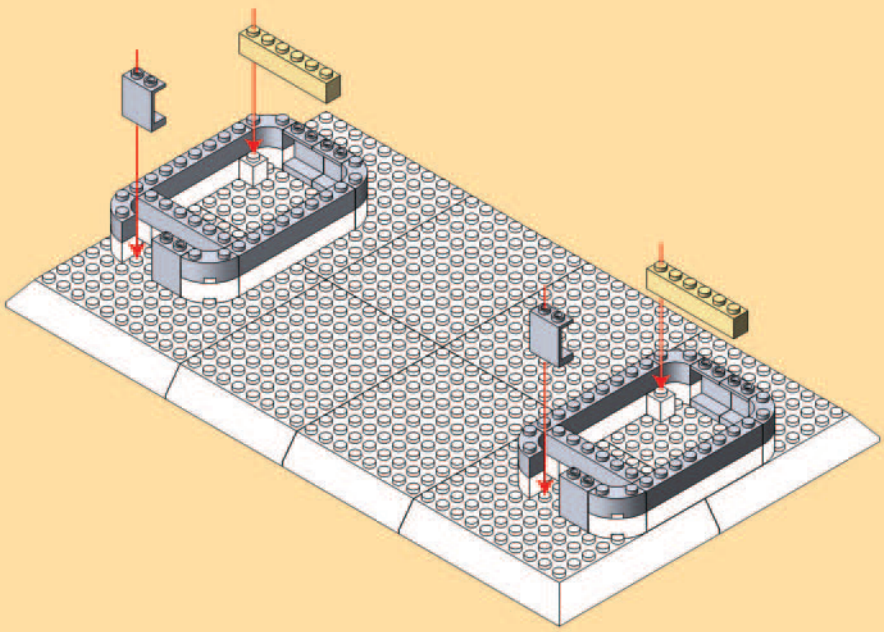
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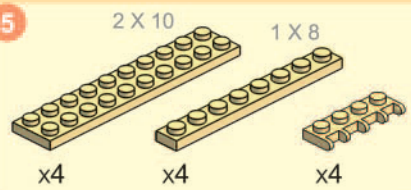


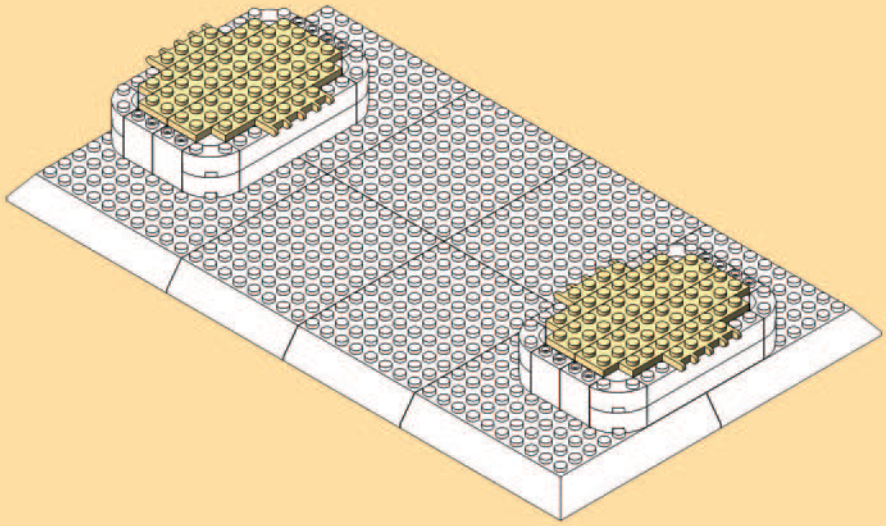
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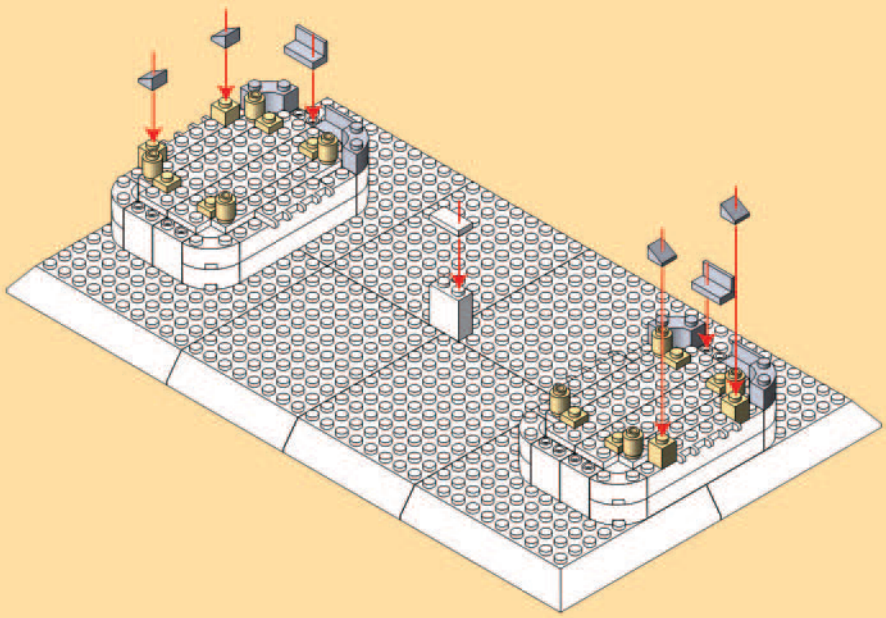
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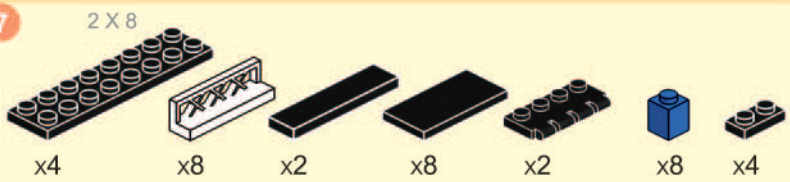


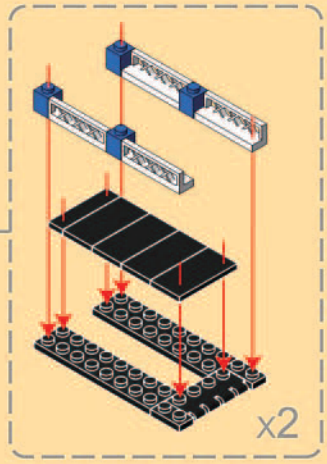
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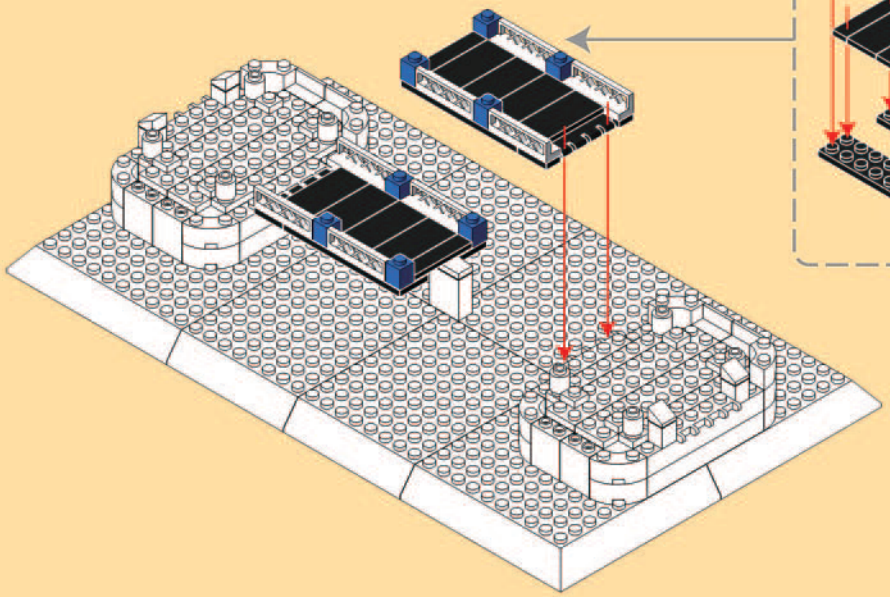




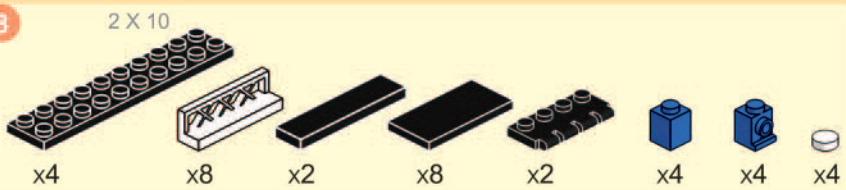
7 2 X 8

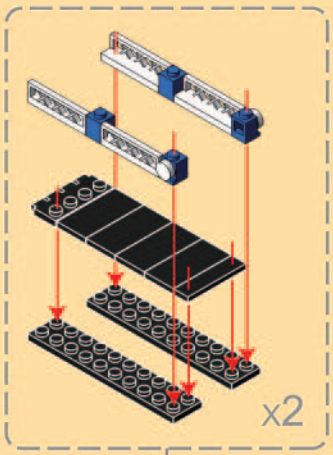


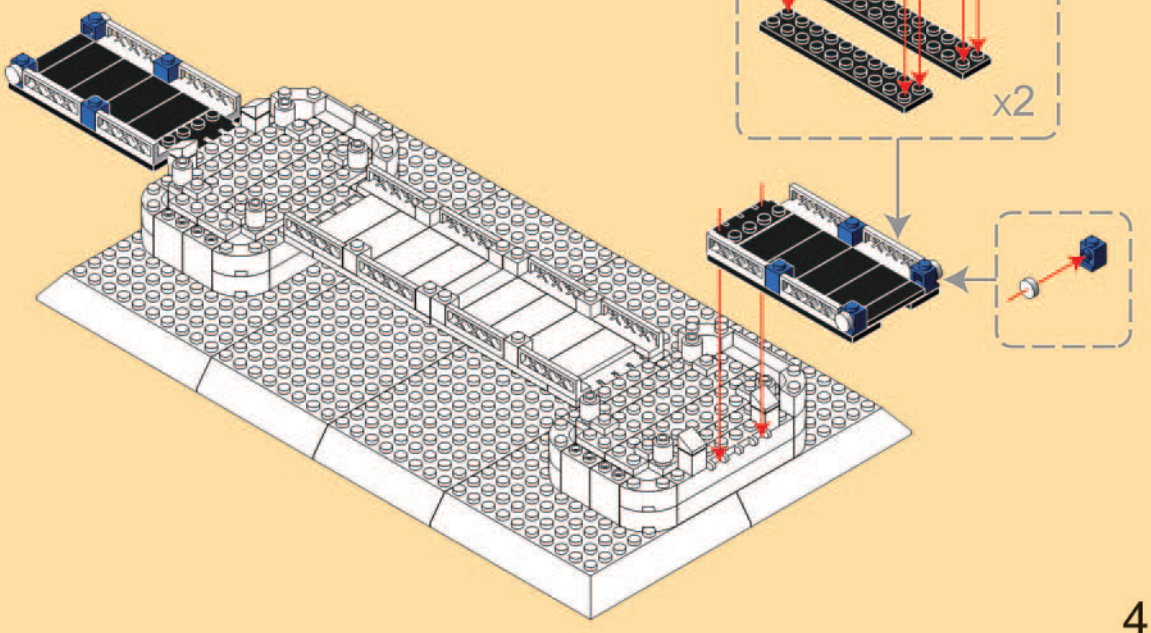




8 2 X 10

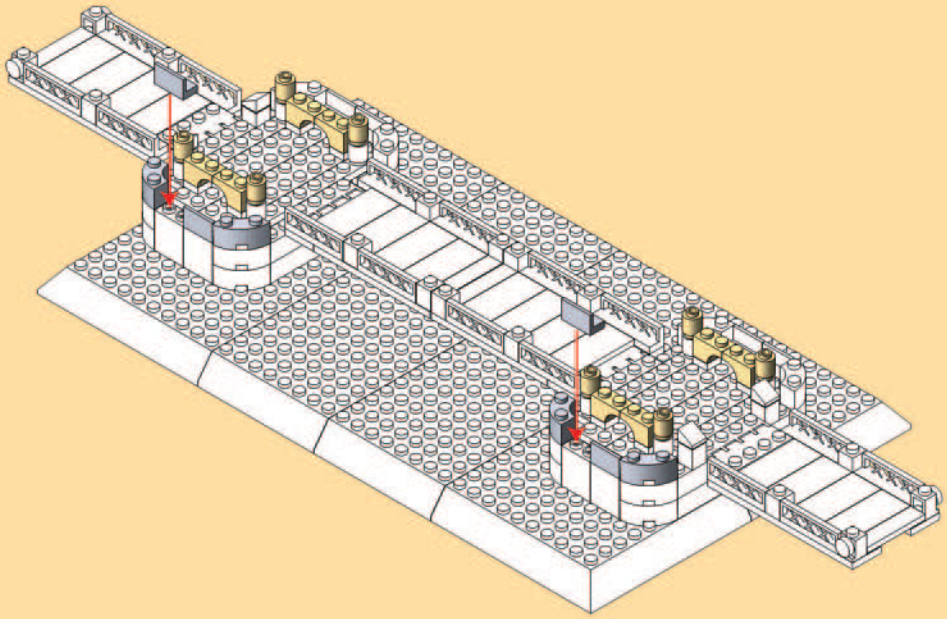




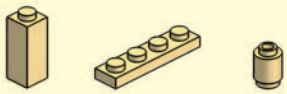


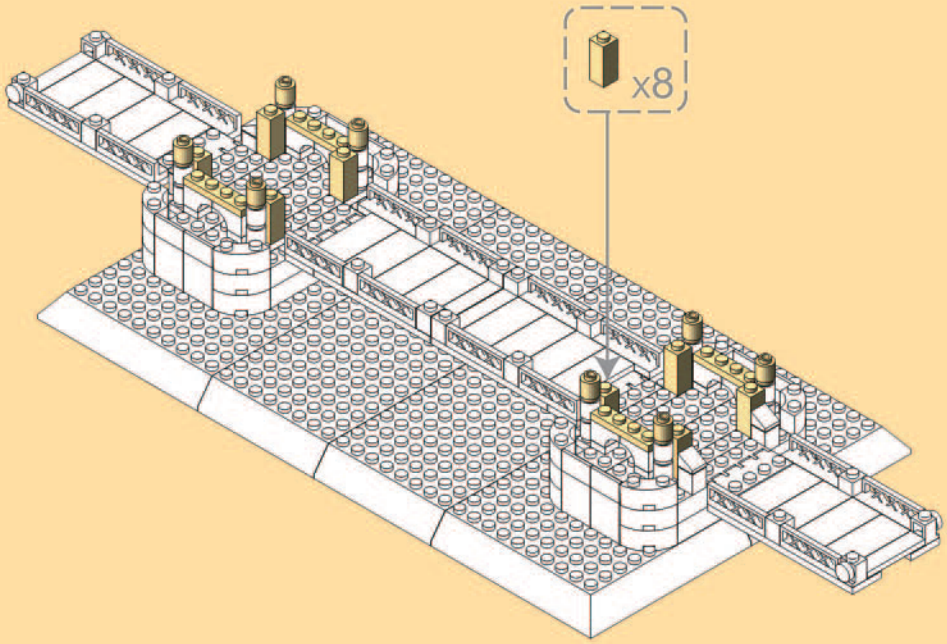
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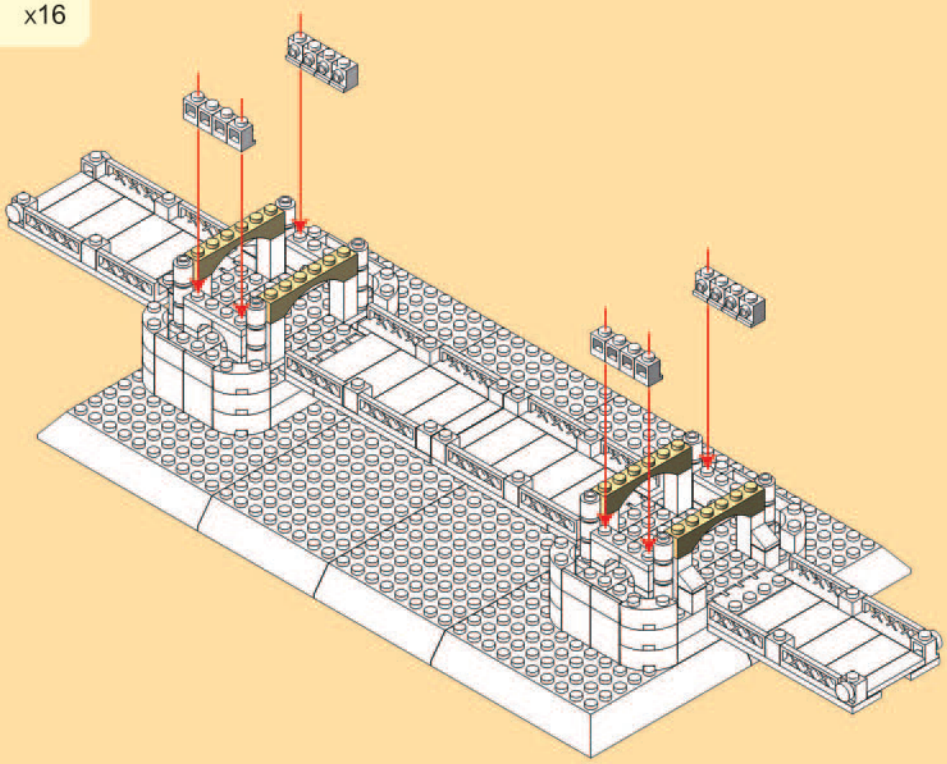


11

1 X 6

x4

x16

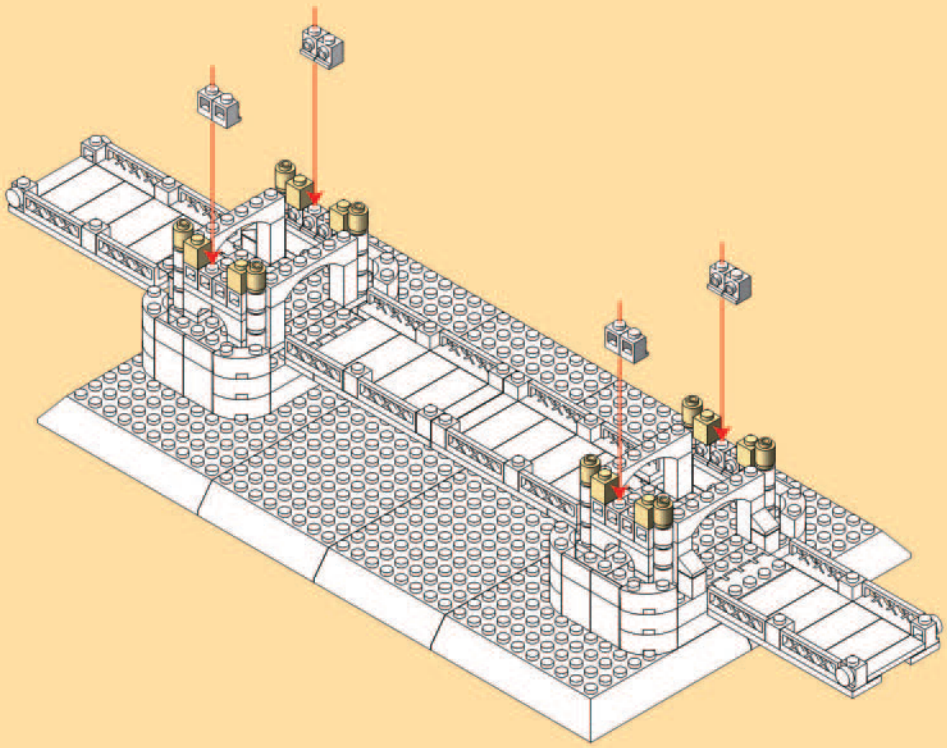


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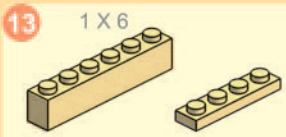
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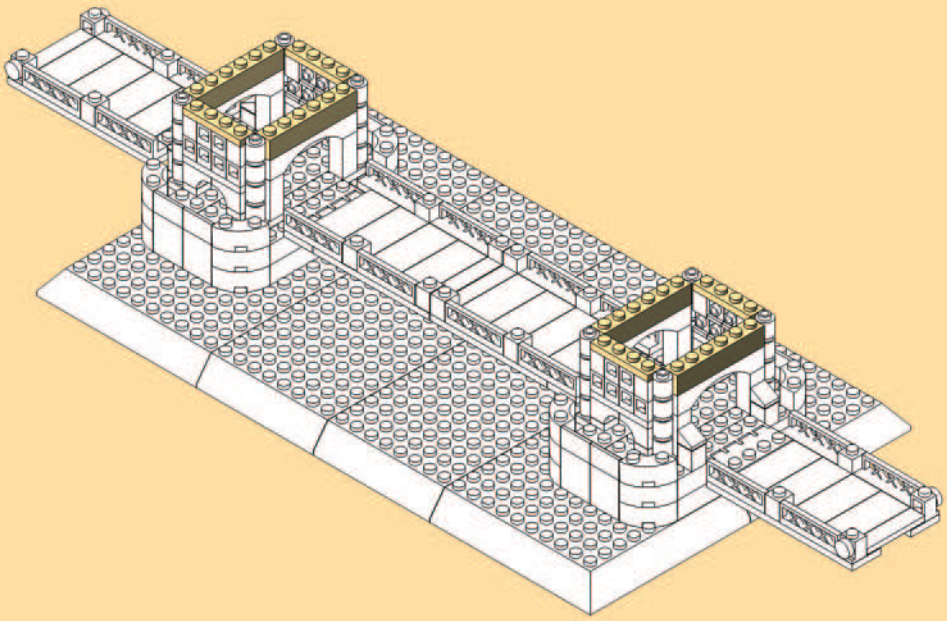
x8

x8



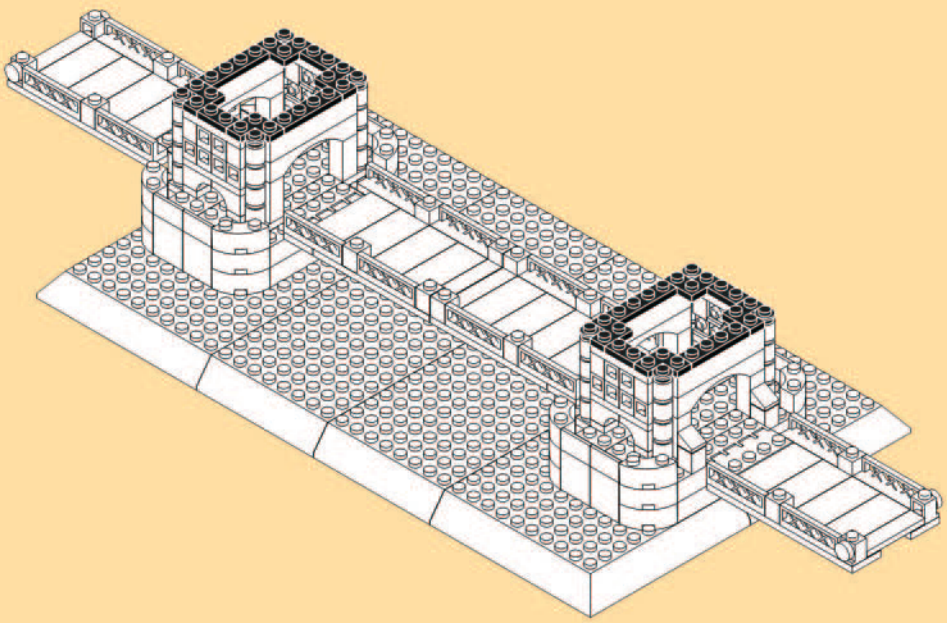
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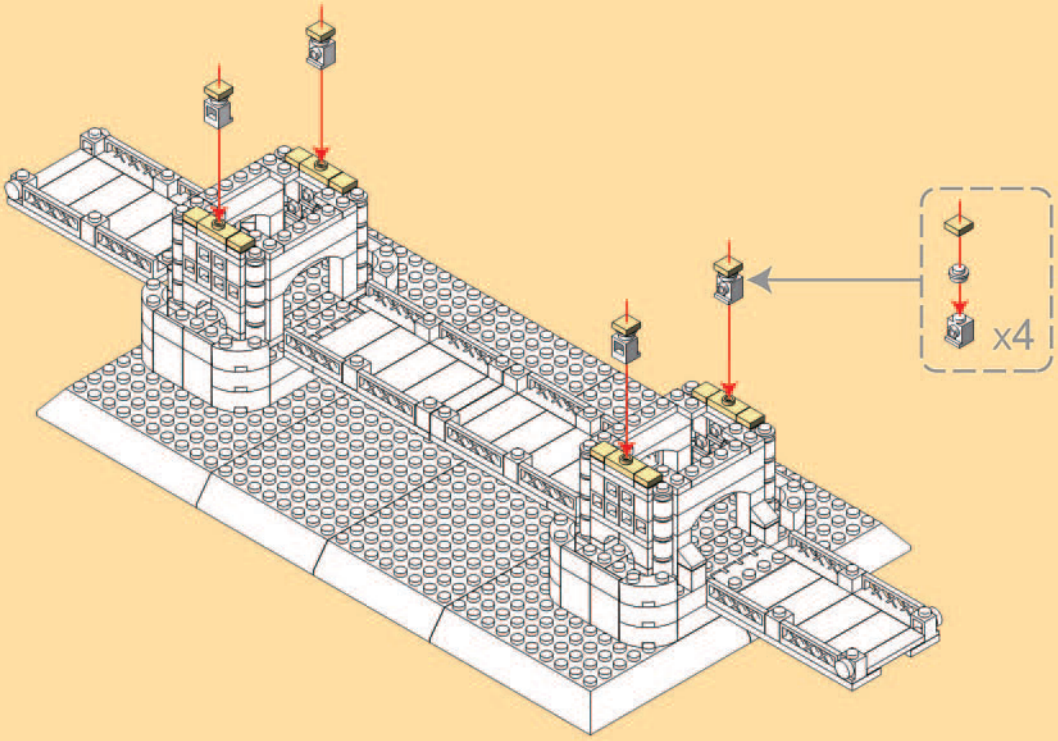
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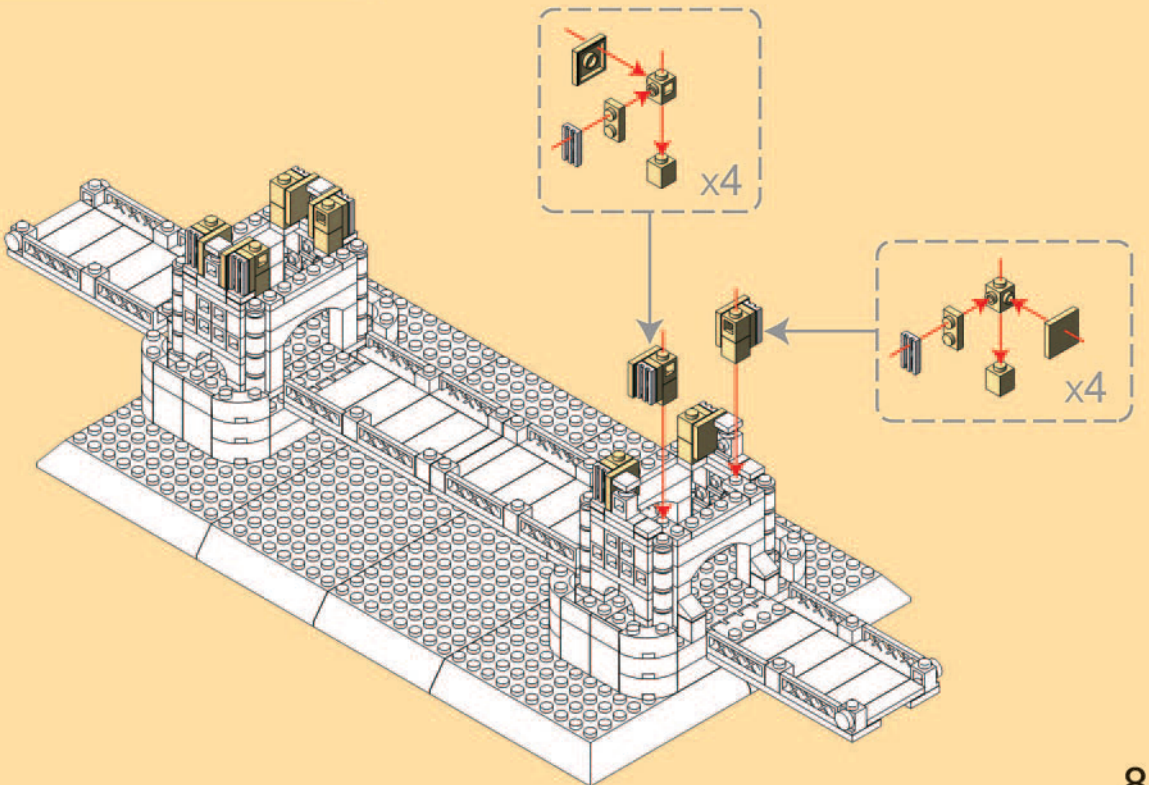
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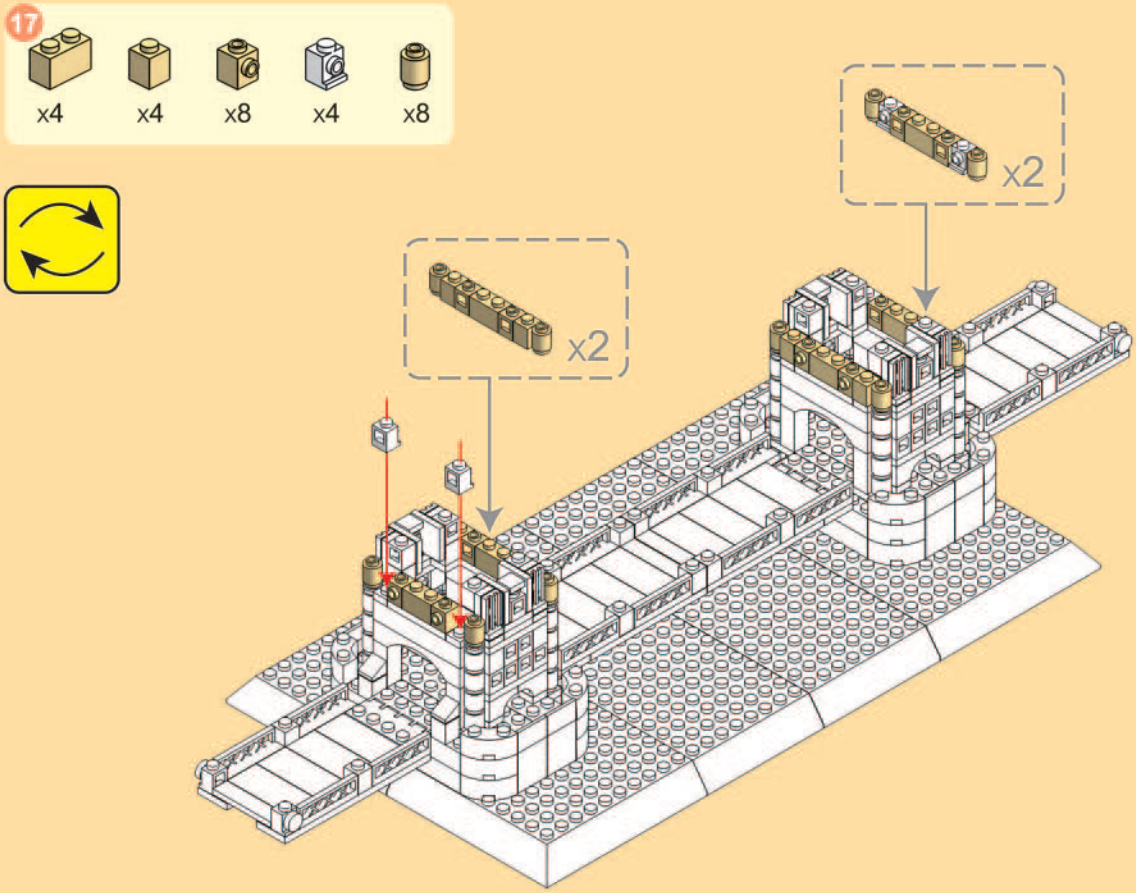


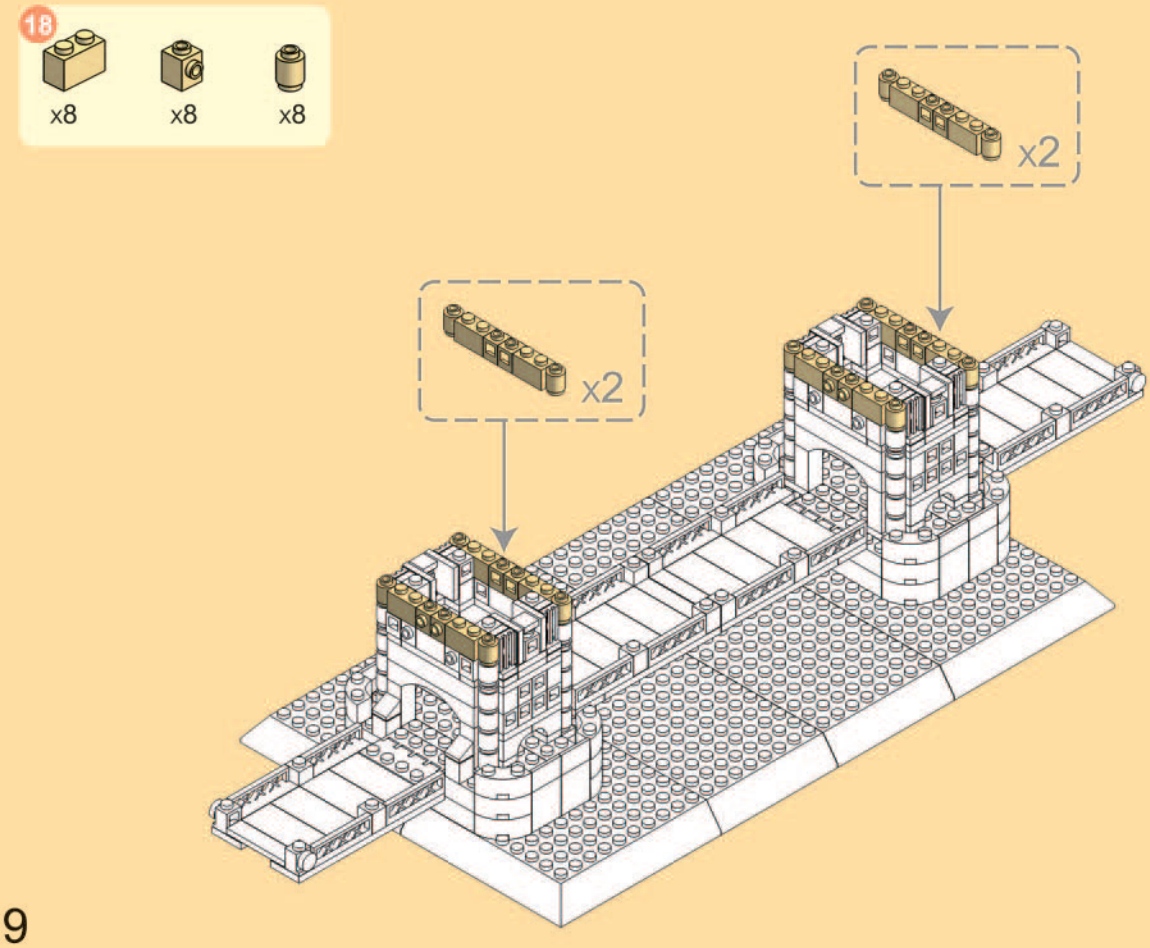


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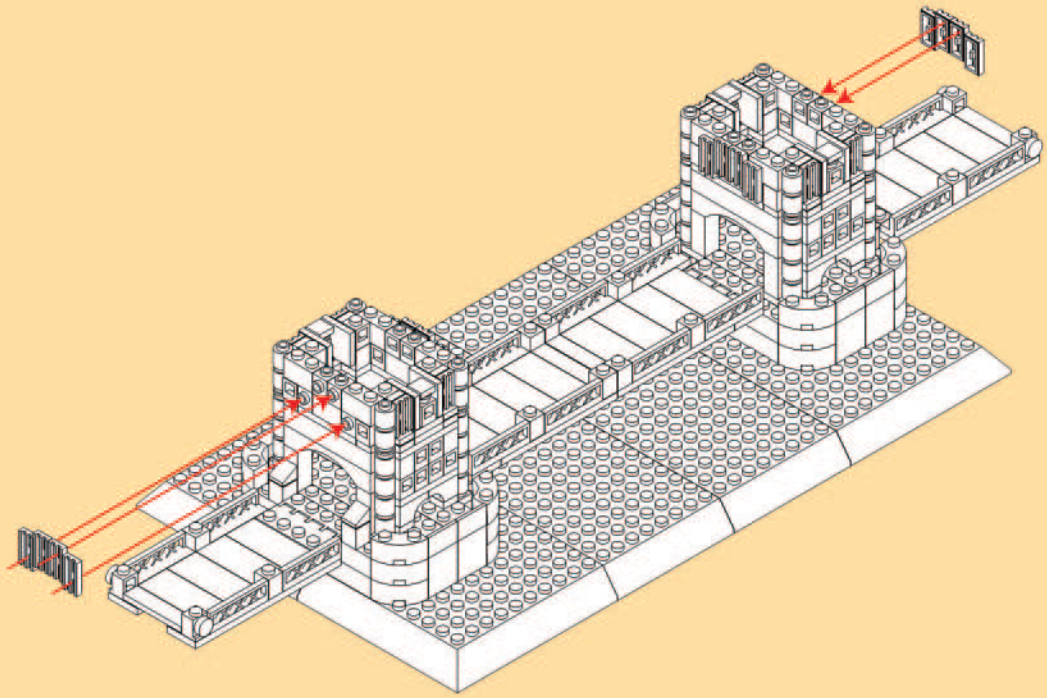

17
x4
x4
x8
x4
x8
x2
x2


18
x8
x8
x8
x2
x2

19



x16

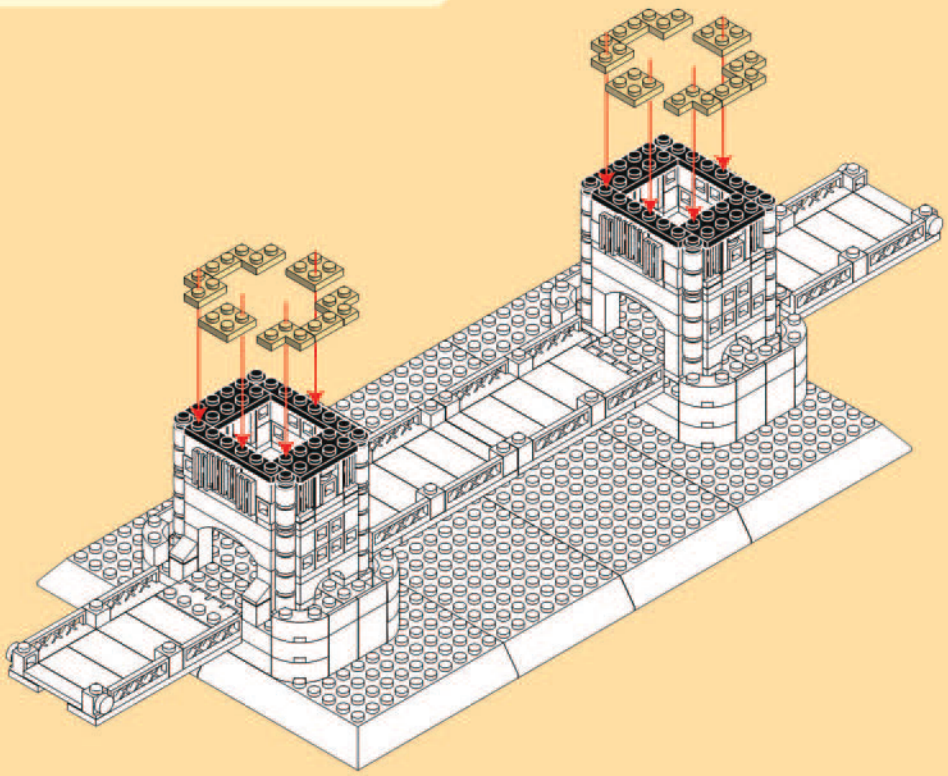


20

1 X 6

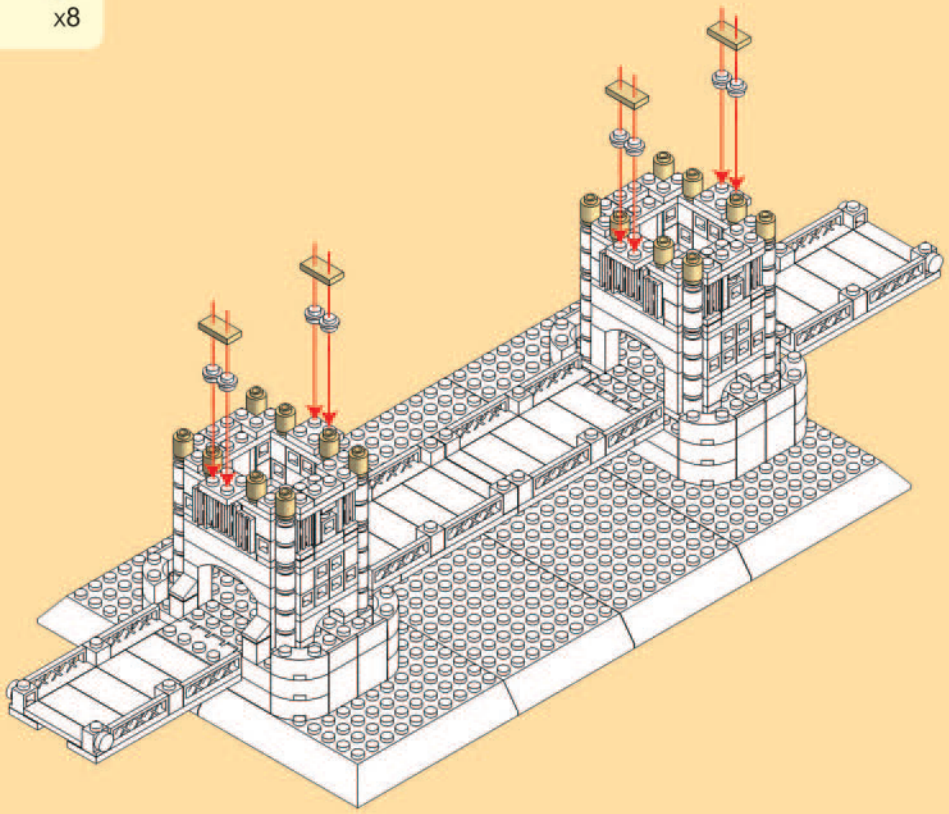


x4 x4 x4 x8 x4 x8

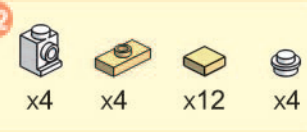


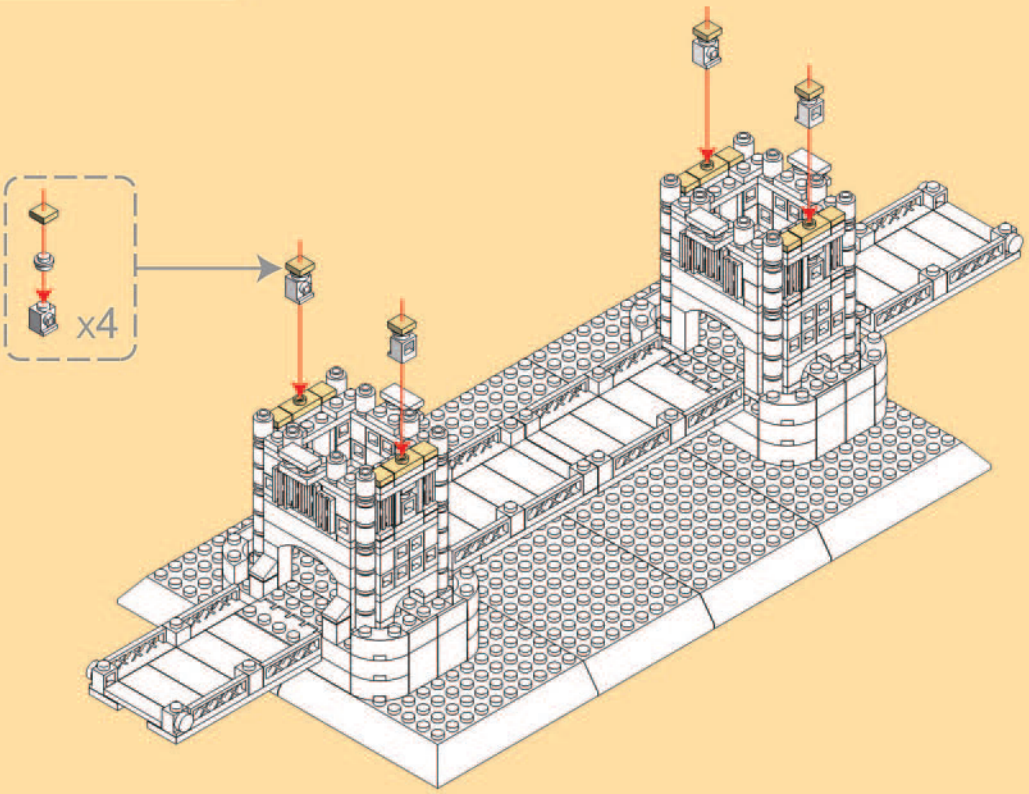
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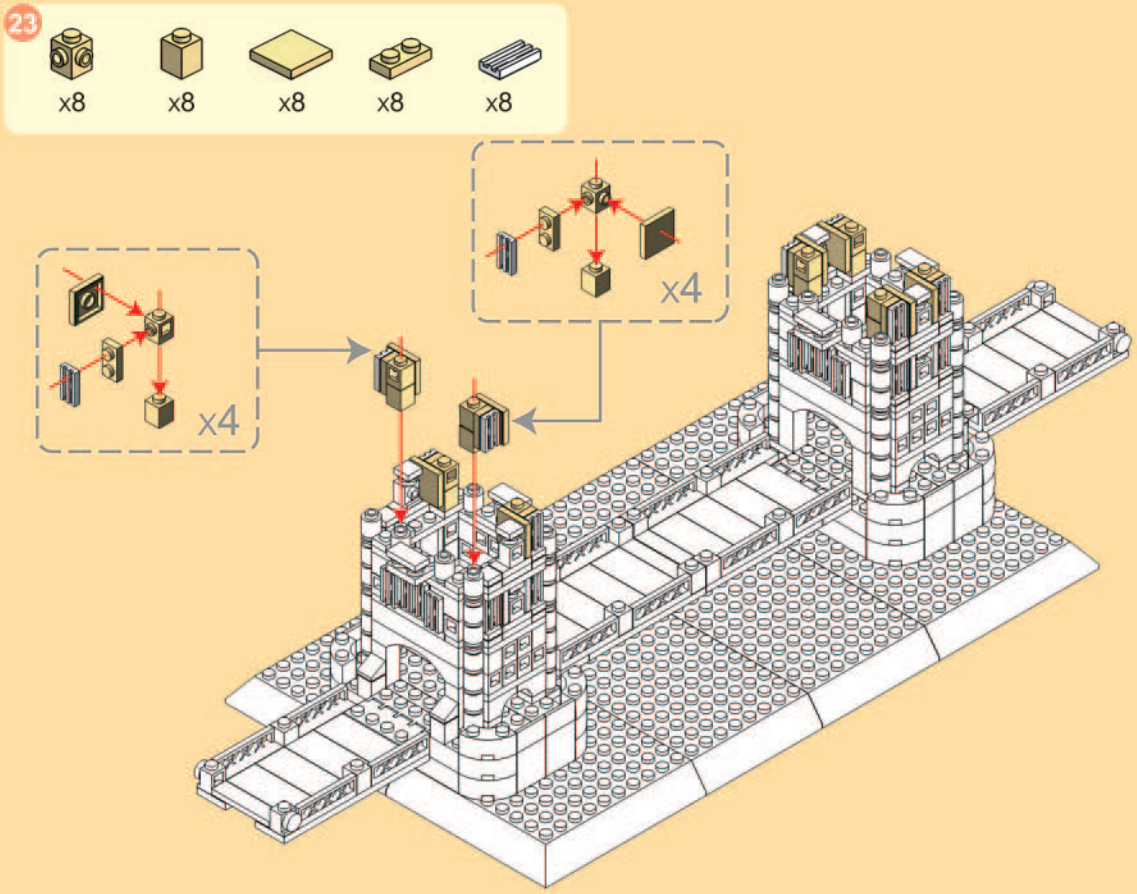


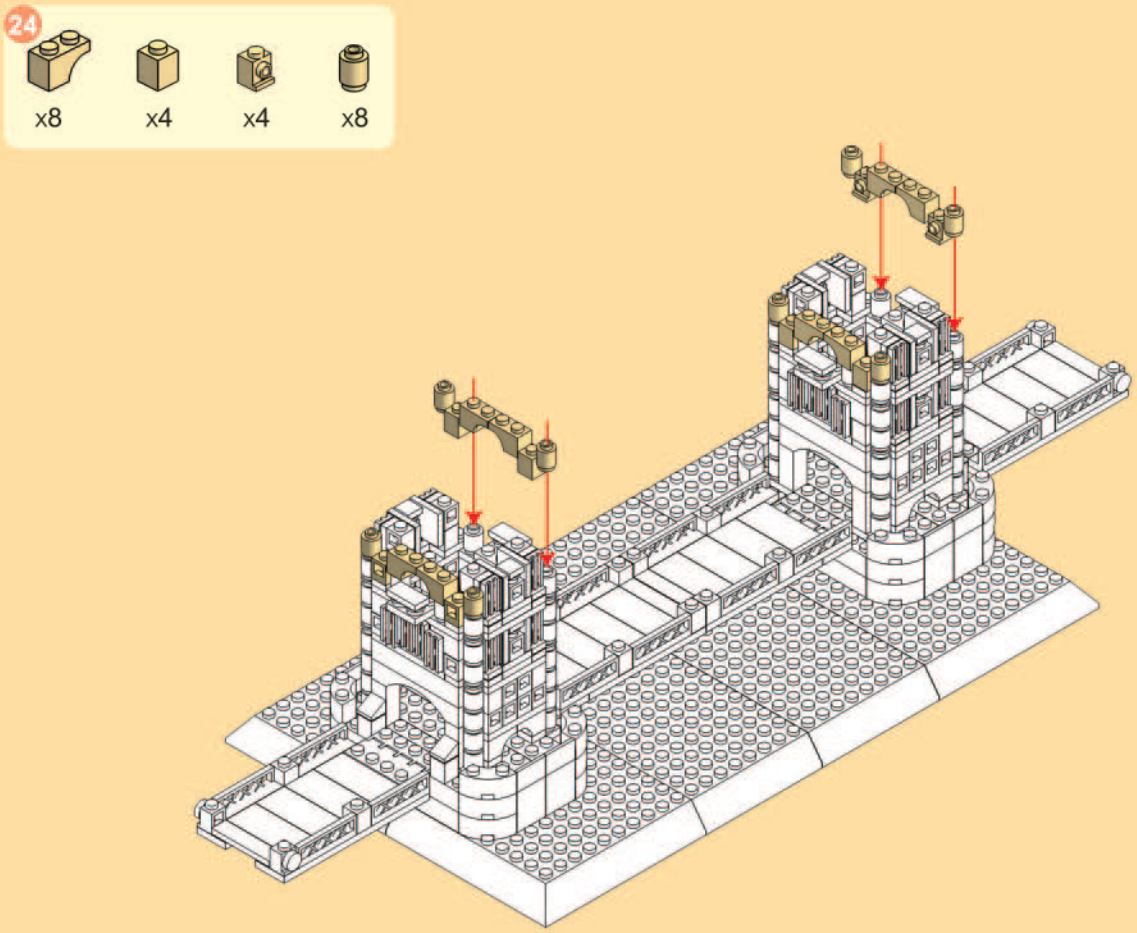


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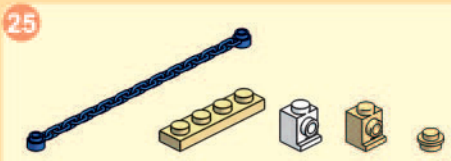




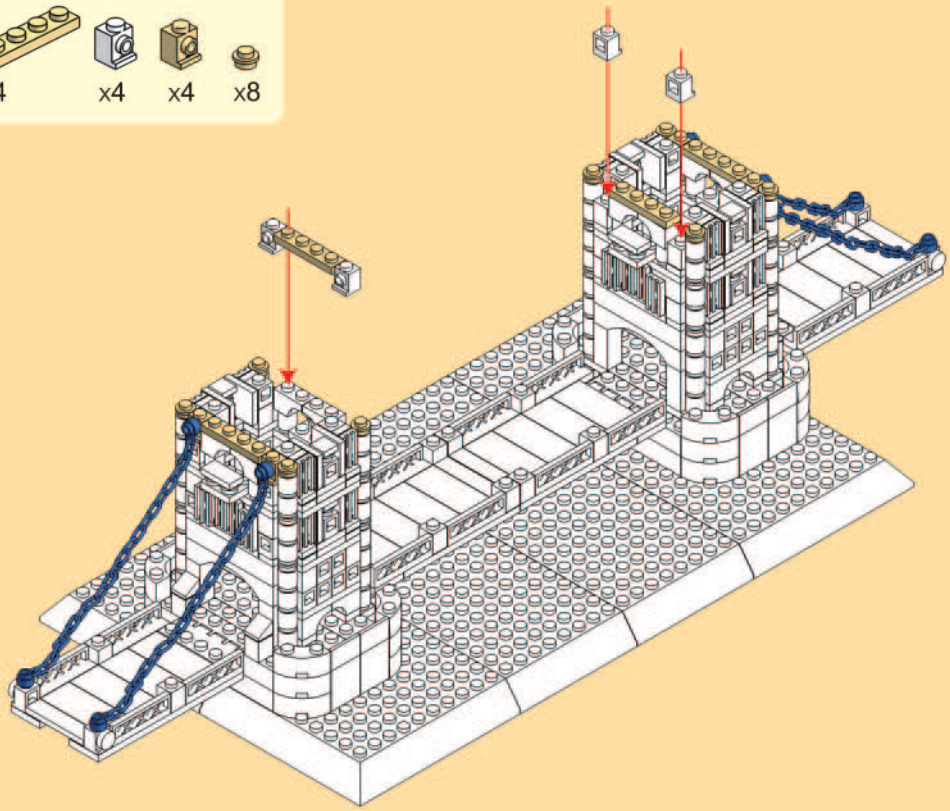

23
x8
x8
x8
x8
x8
x4
x4


24
x8
x4
x4
x8

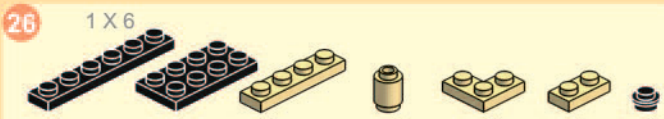
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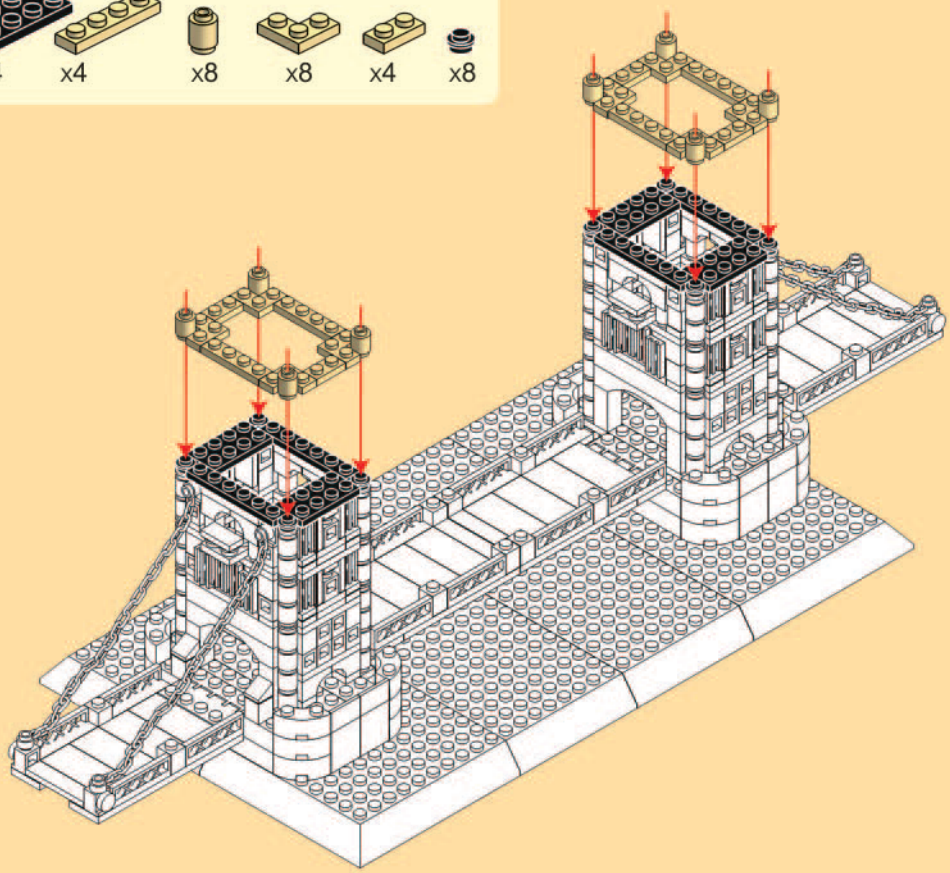
x4 x4 x4 x4 x8



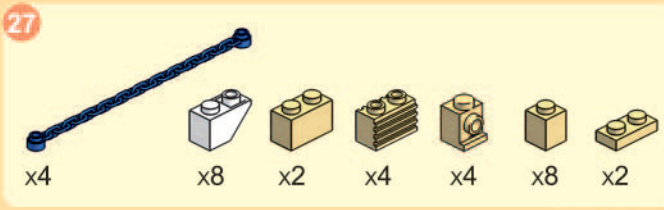
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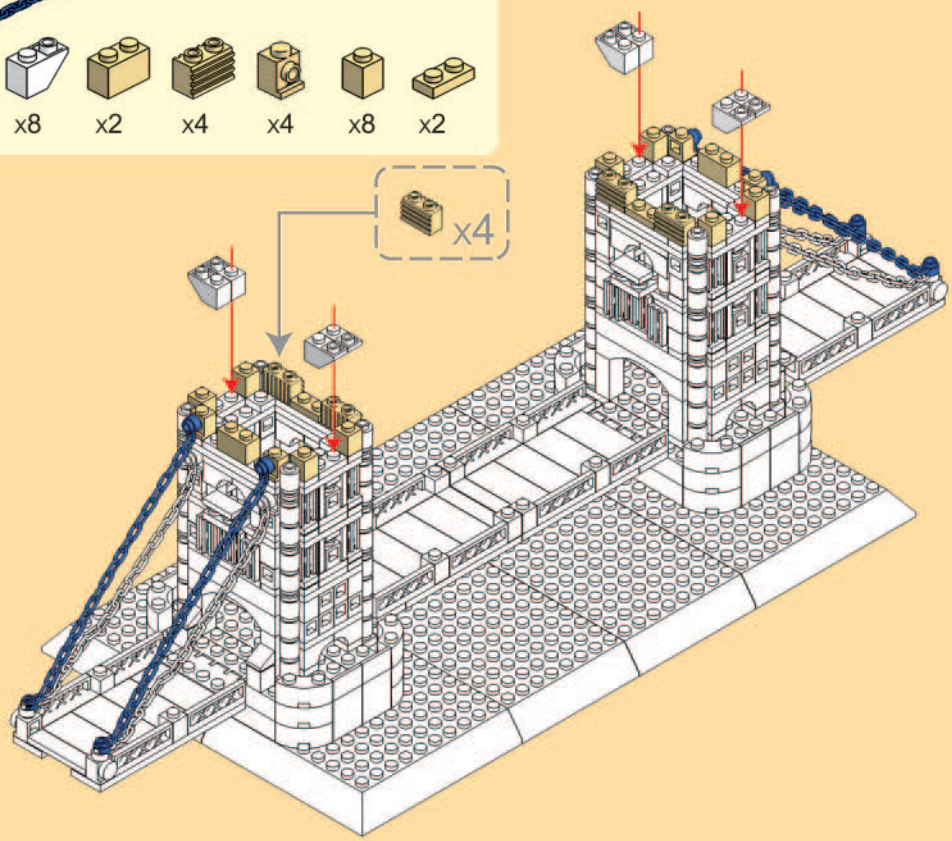


x4 x4 x4 x8 x8 x4 x8



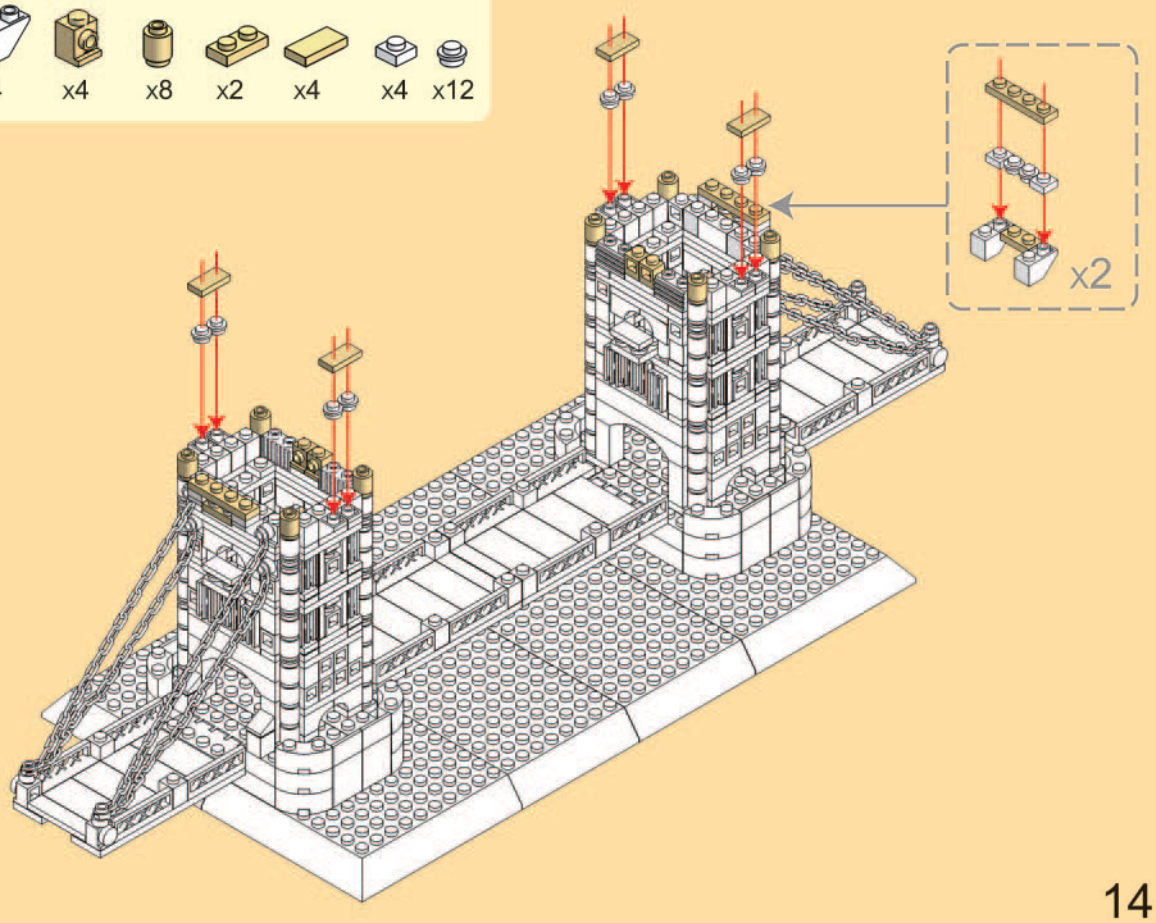
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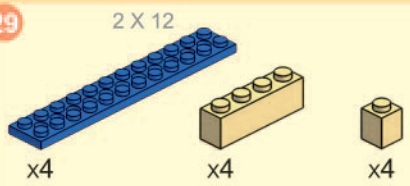


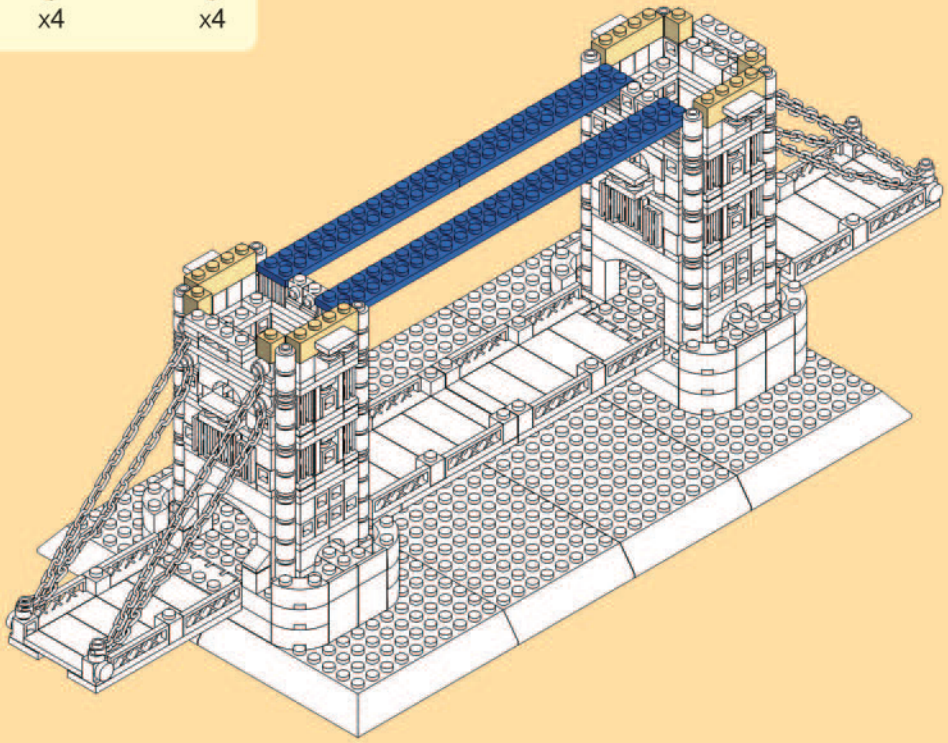
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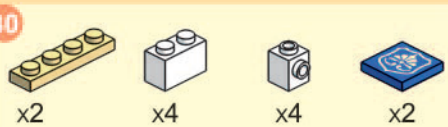


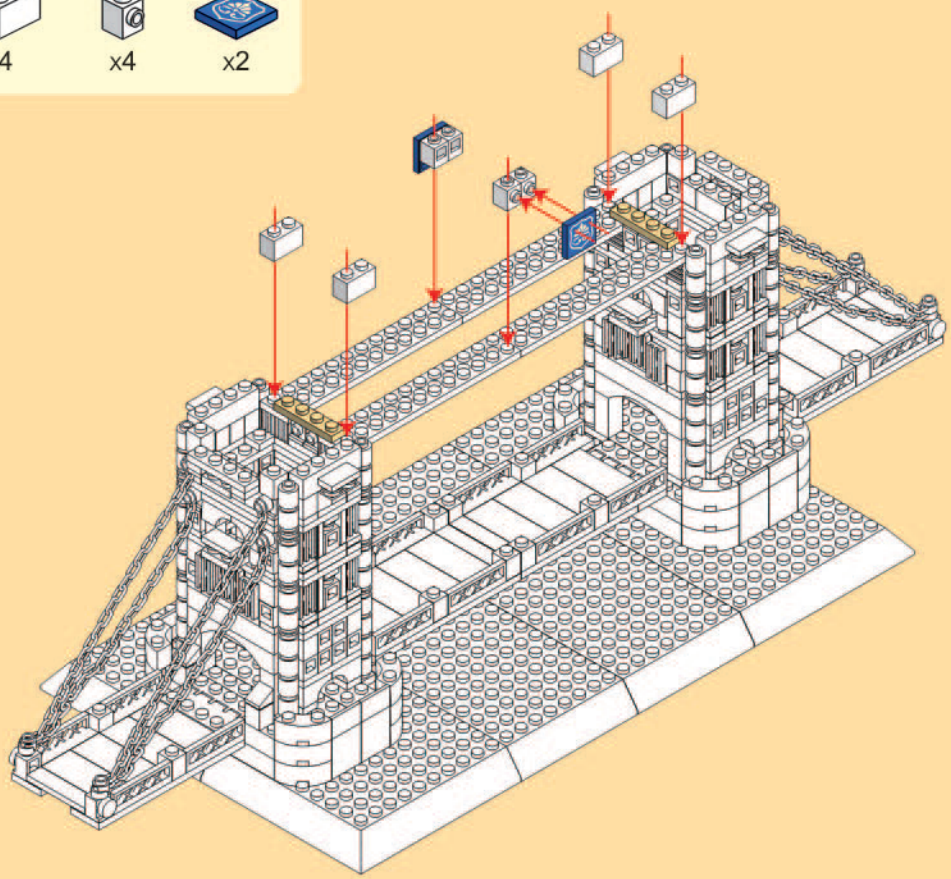
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30





31

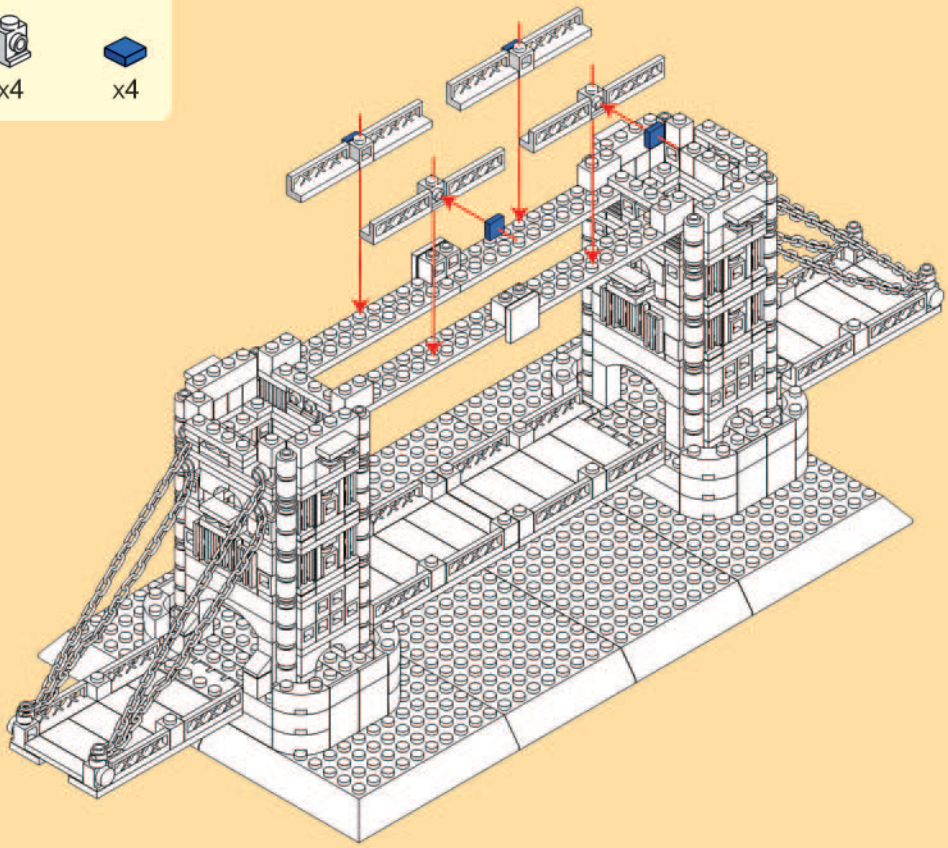


x8



x4

x4



32



x8



x16



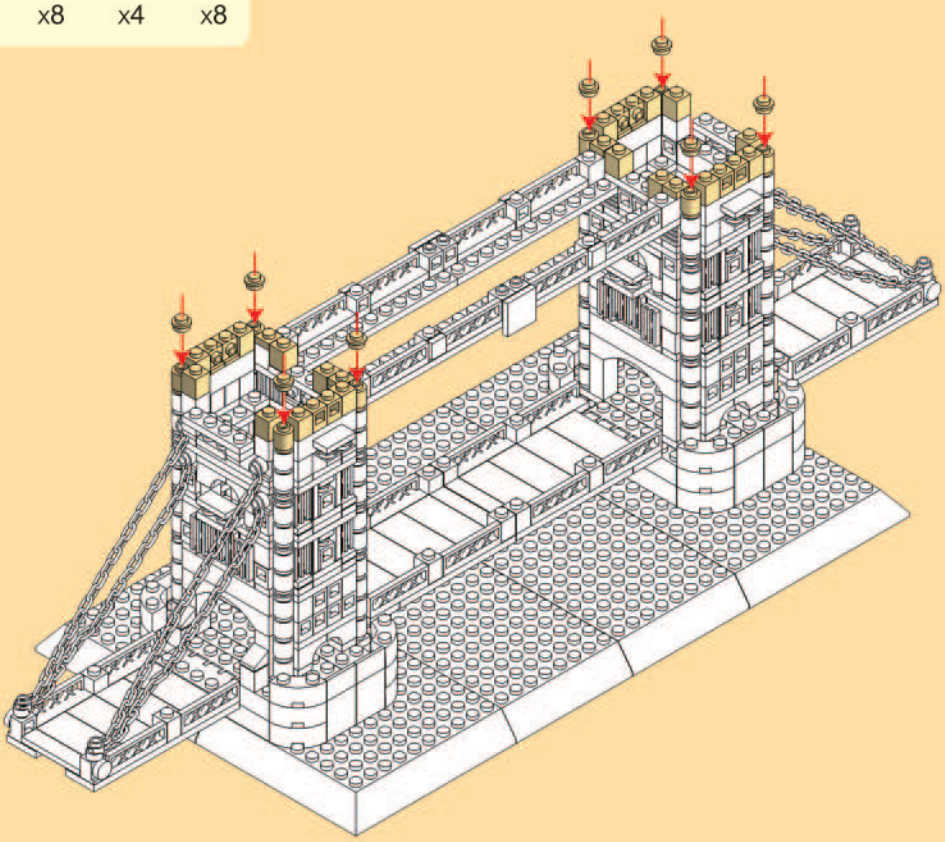
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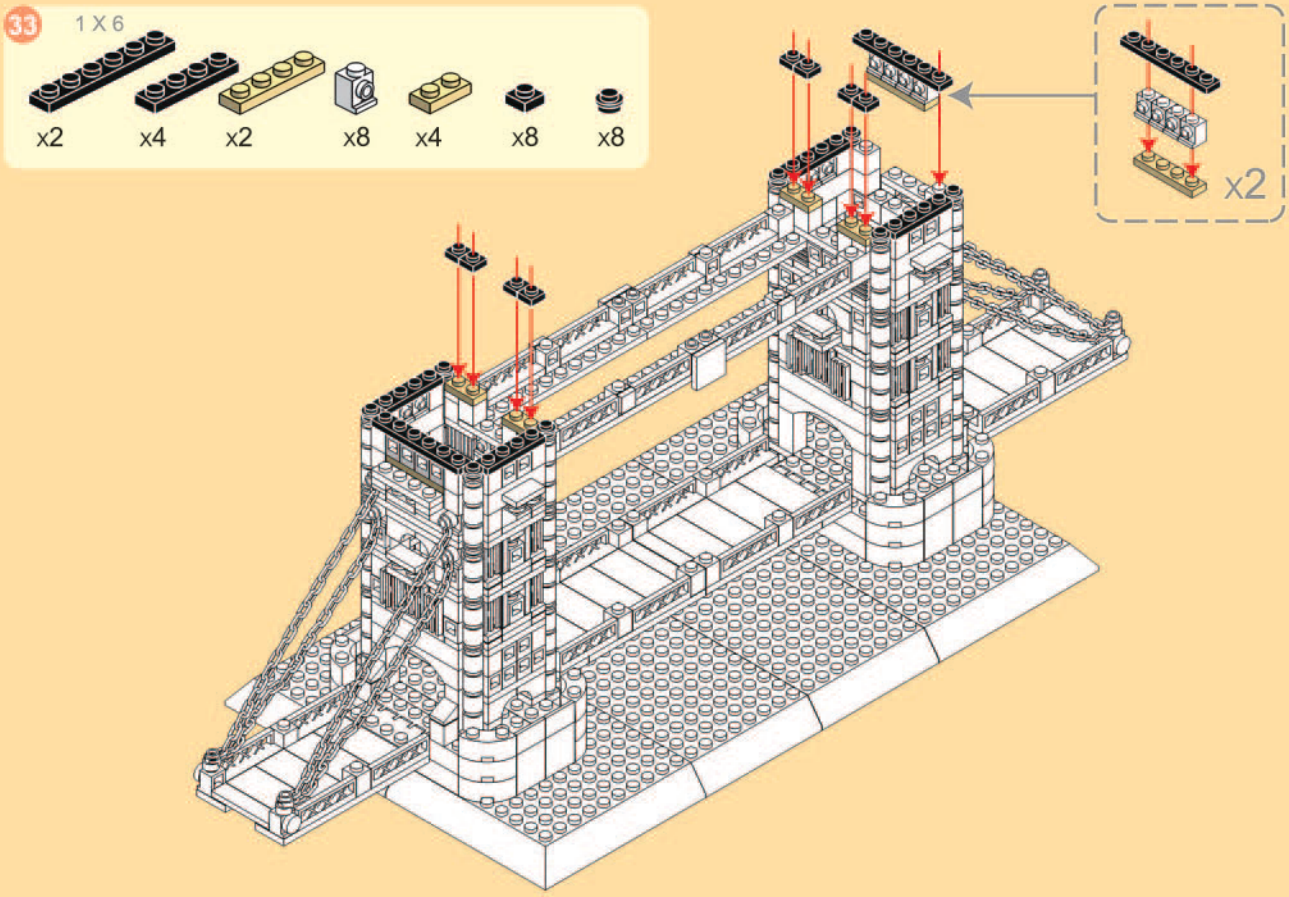


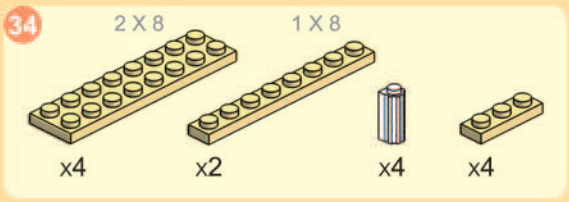
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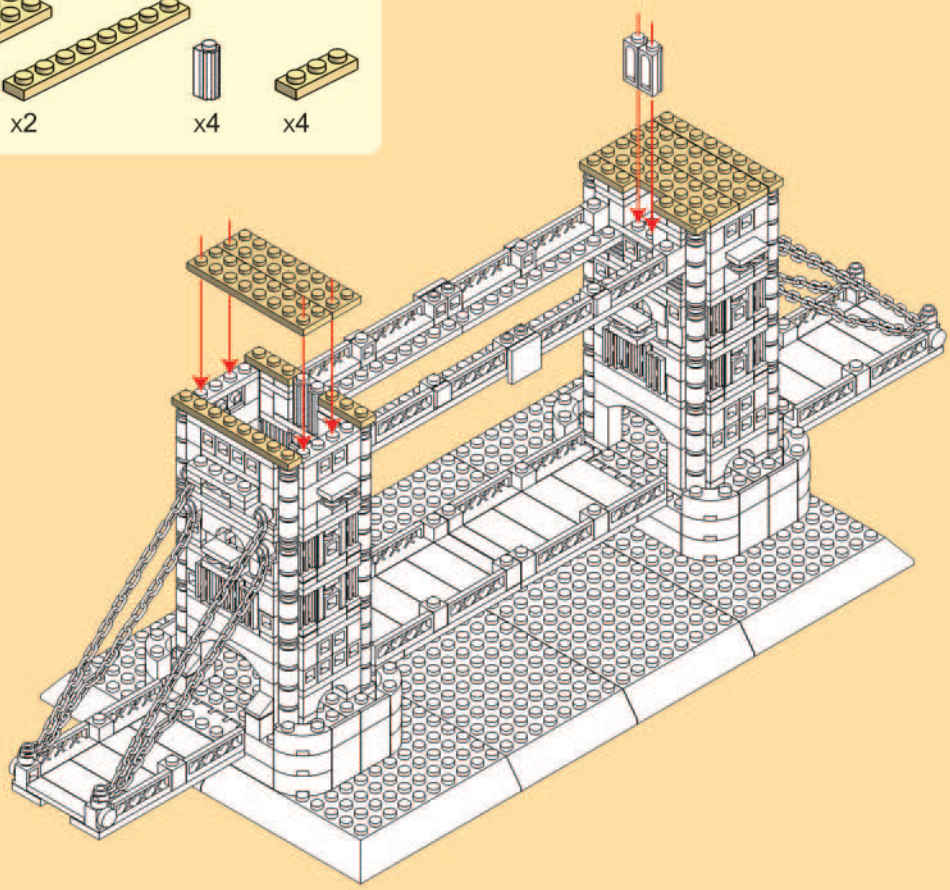


x8




33
1 X 6
x2
x4
x2
x8
x4
x8
x8
x2

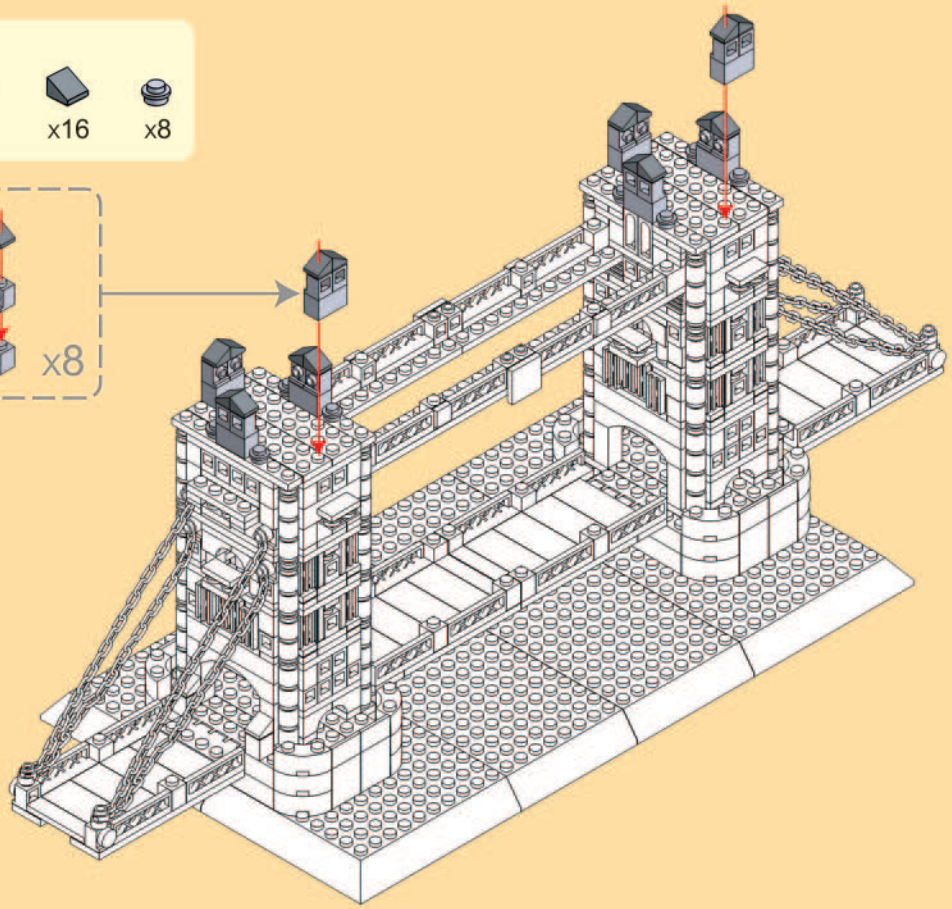

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2 X 8
1 X 8
x4
x2
x4
x4



35

x8 x16 x16 x8

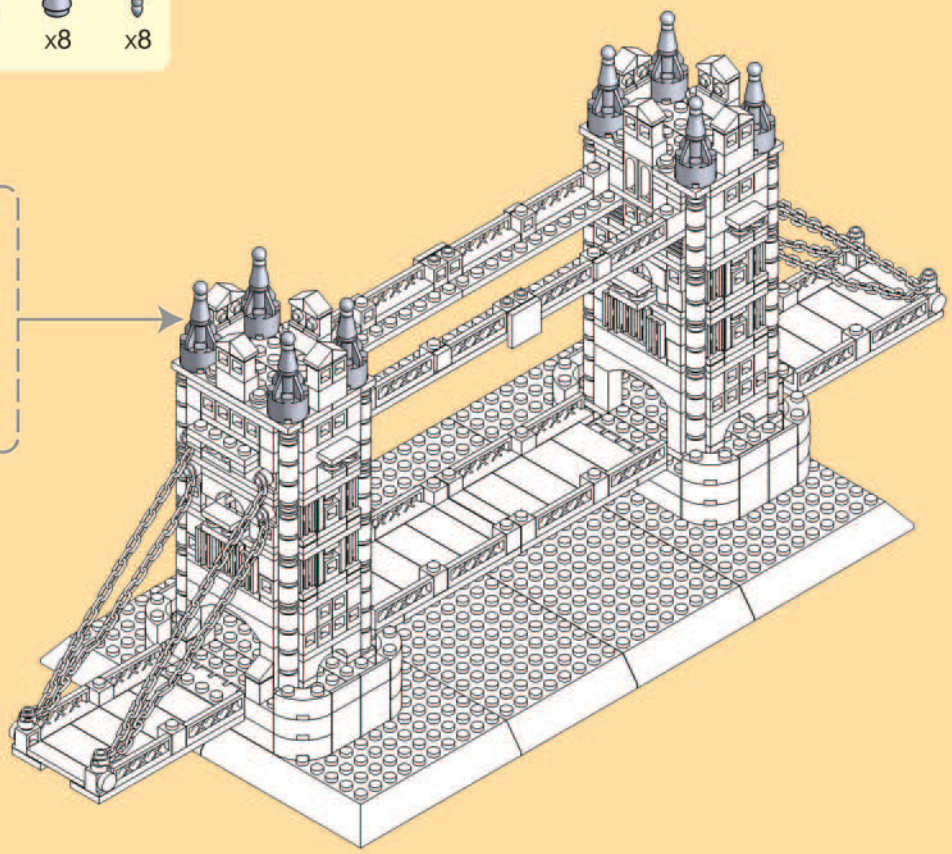
x8



36

x8 x8 x8 x8

x8

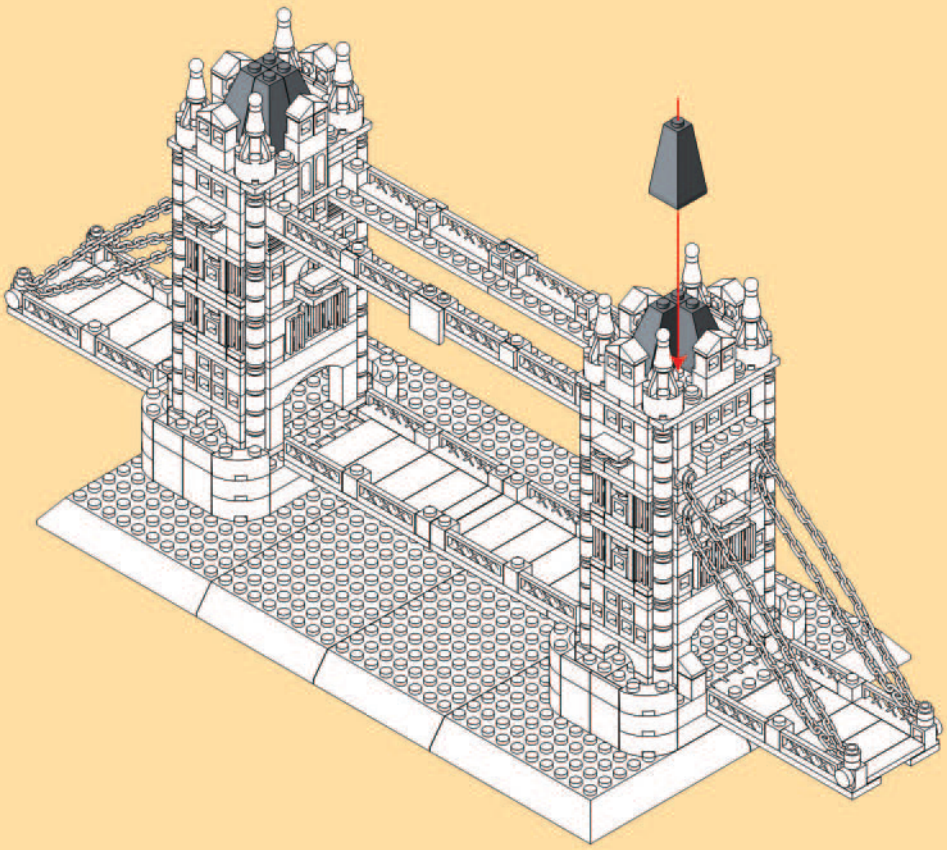


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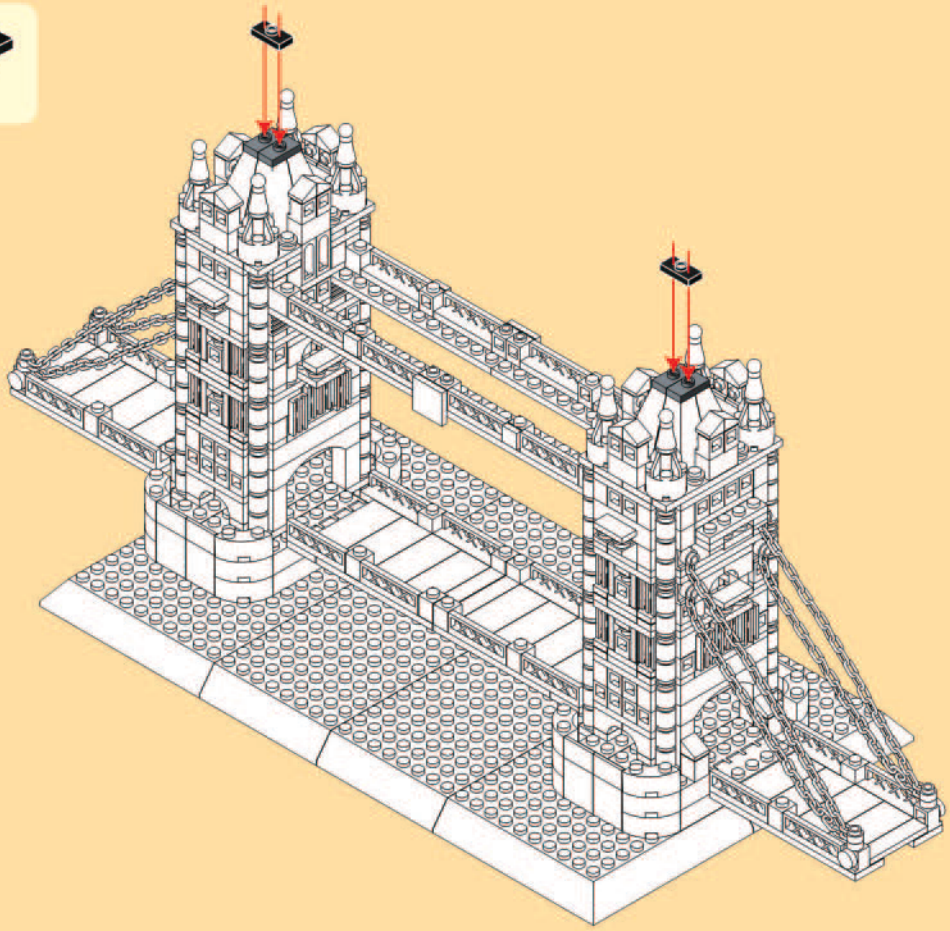
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x4

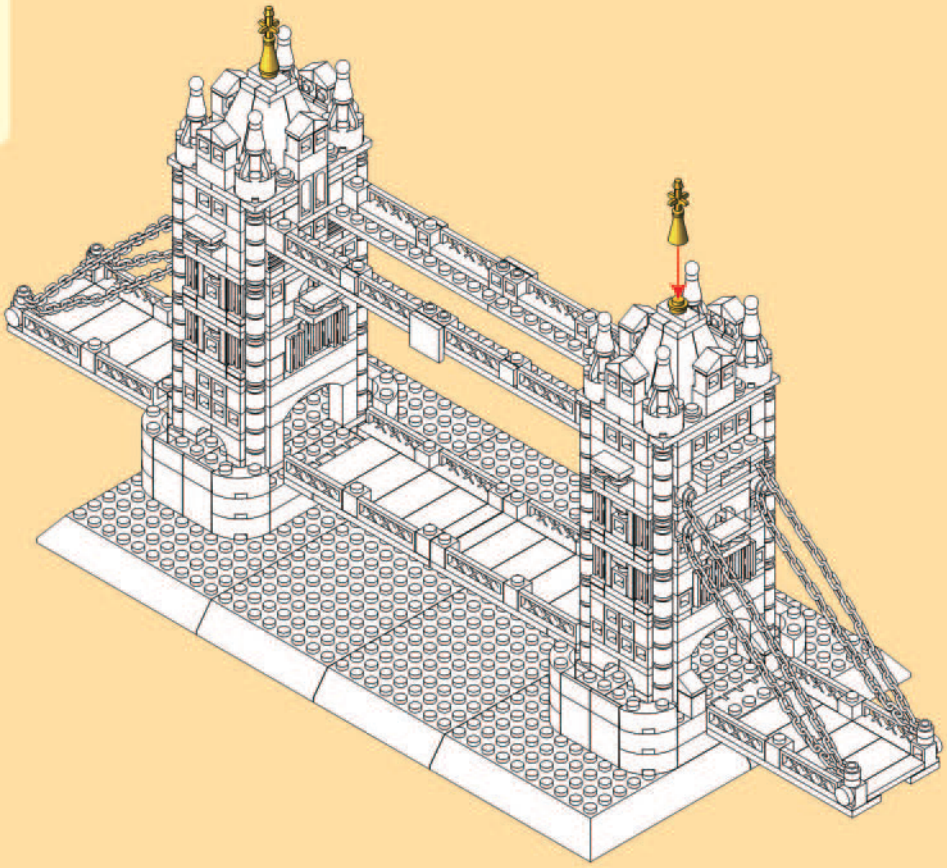


x2



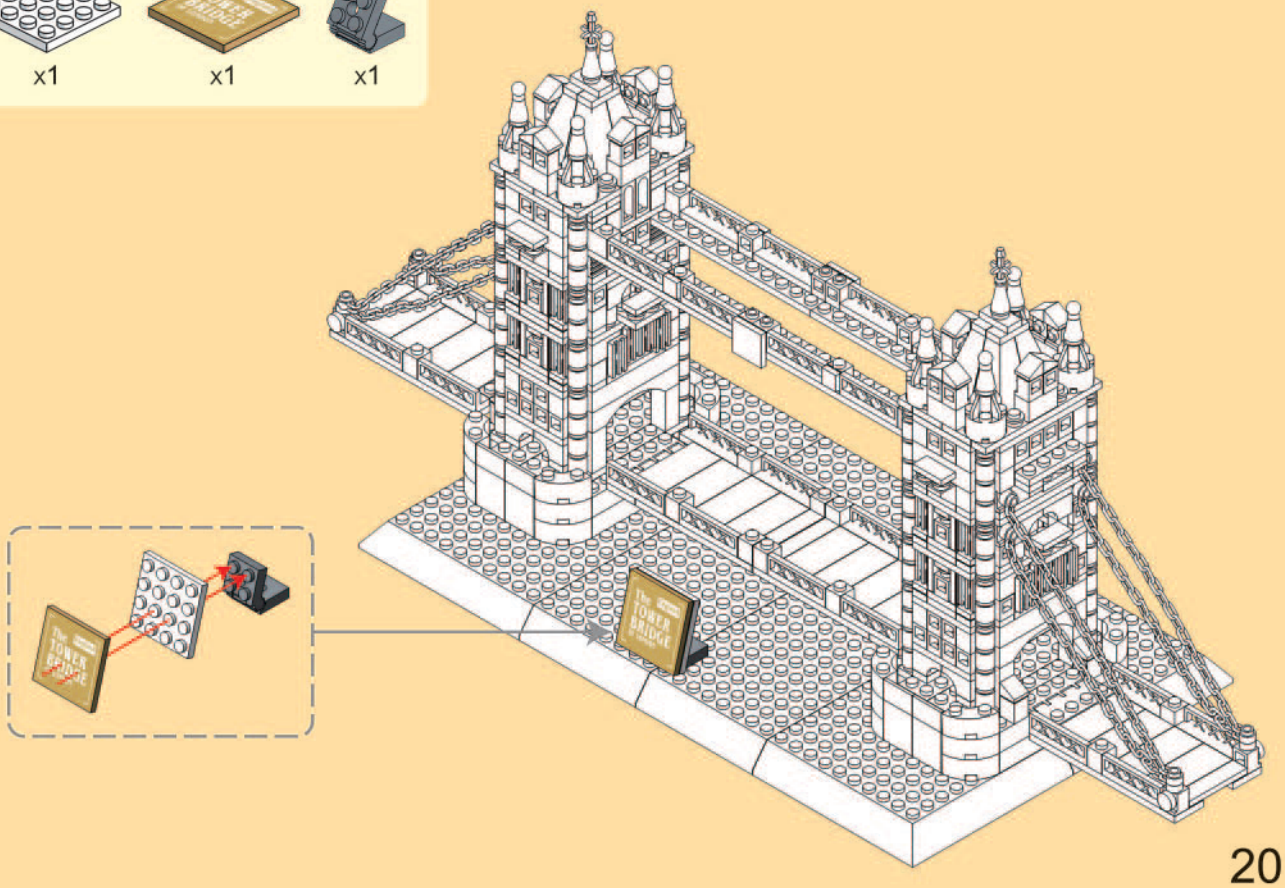
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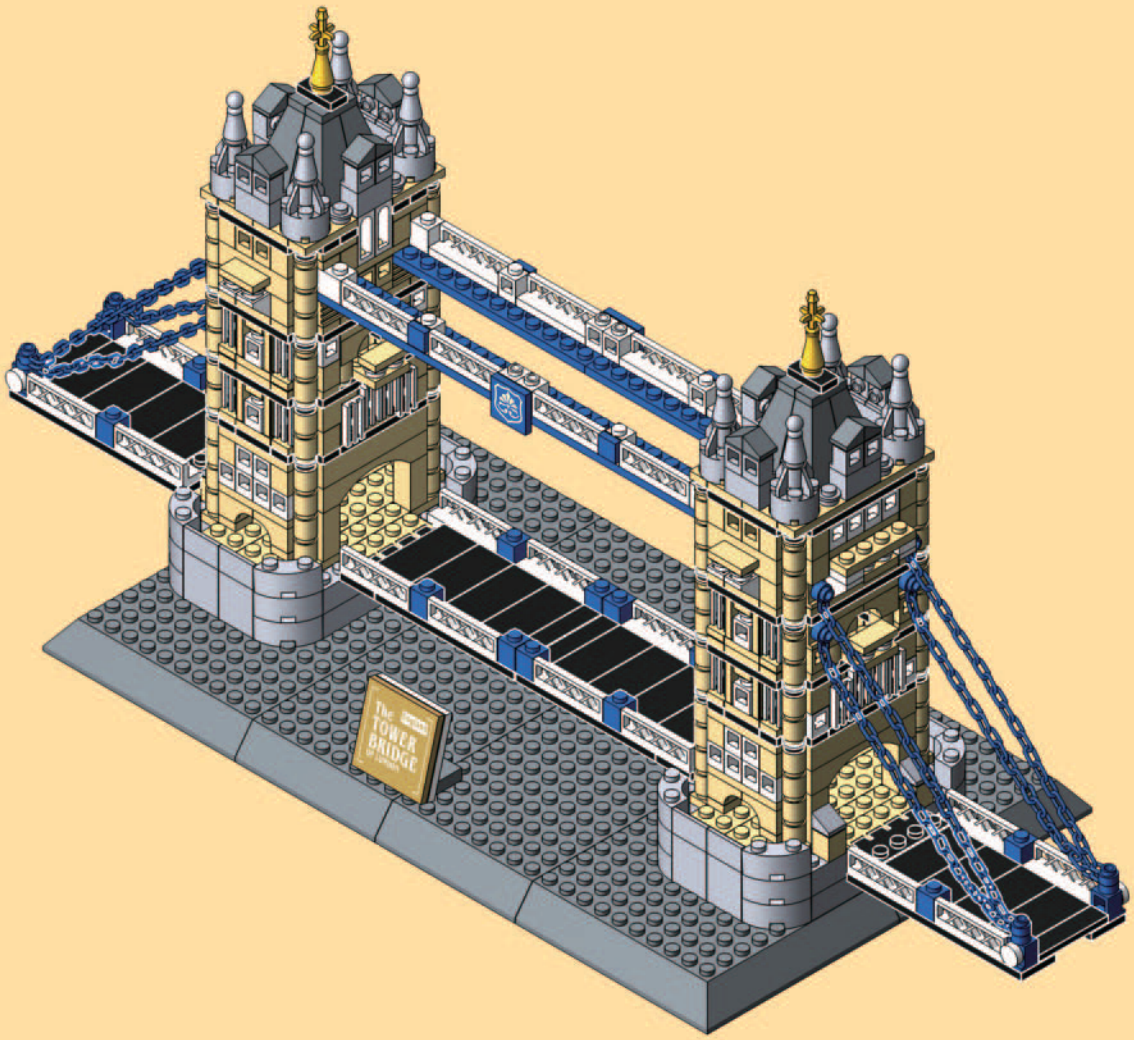


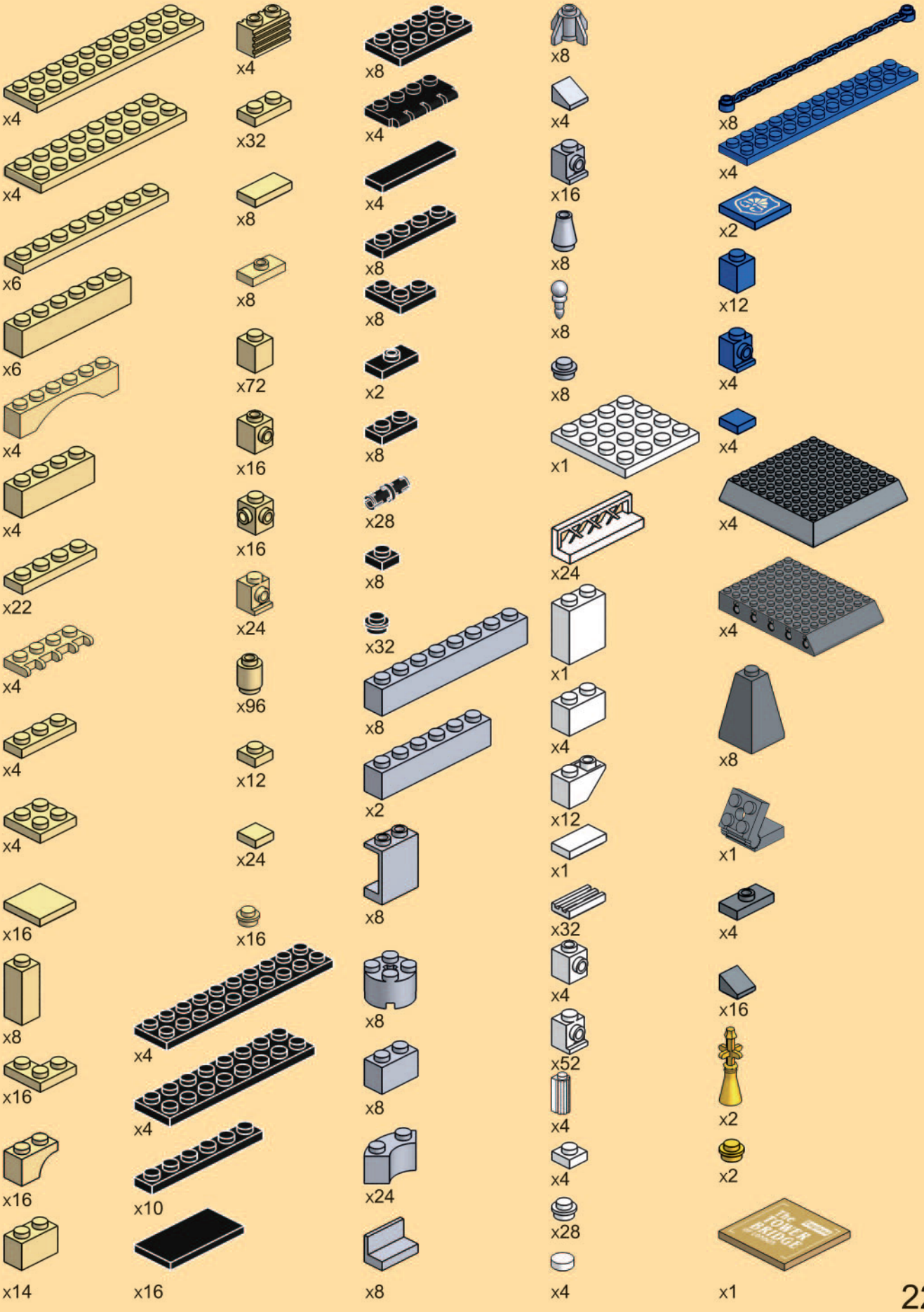


40






THE
TOWER
BRIDGE

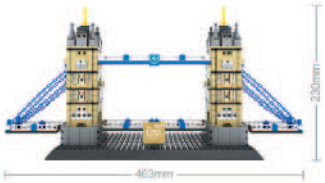

x4
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x2
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x8
x1
x4
x16
x2
x2
x1

TOWER BRIDGE
OF LONDON

INTRODUCTION

Tower Bridge is a combined bascule and suspension bridge in London, built between 1886 and 1894. It was built to ease road traffic while maintaining river access to the busy London docks and to find a solution to the Thames River crossing problems. A committee was formed in 1877; the bridge was designed by the architect Horace Jones in collaboration with the engineer John Wolfe Barry. Construction started in 1886 and took eight years, five major contractors and nearly 450 employees were involved in the construction of the 265-metre-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 iconic symbol. The bridge consists of two bridge towers tied together at the upper level by two horizontal walkways, designed to withstand the horizontal tension forces exerted by the suspended sections of the bridge on the landward sides of the towers. The vertical components 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. Before its restoration in the 2010s, the bridge's colour scheme dated from 1977, when it was painted red, white and blue for Queen Elizabeth II's Silver Jubilee. Its colours were subsequently restored to blue and white.

TOWER BRIDGE
DE LONDRES



Le Tower Bridge est un pont de type pont basculant, il appartient à la classe des ponts suspendus. Il a été construit entre 1886 et 1894 pour faciliter les déplacements tout en permettant l'accès au port et pour trouver une solution pour traverser la Tamise. Un comité fut formé en 1876 ; c'est le projet de l'architecte Horace Jones en collaboration avec l'ingénieur John Wolfe Barry qui a été retenu. La construction du pont de 265 mètres de long a débuté en 1886, près de 450 ouvriers et cinq entrepreneurs y ont travaillé pendant 8 ans. La structure contient plus de 11 000 tonnes d'acier. À l'époque, plusieurs personnes n'aimaient pas le style néogothique victorien, mais au fil du temps, le Tower Bridge est devenu l'un des symboles les plus emblématiques de Londres. Le Tower Bridge est composé de deux tours reliées par un pont routier et deux passerelles pour les piétons. Il est conçu pour résister aux forces horizontales exercées par les sections suspendues du pont. Il exerce une force verticale sur les points d'appui, les deux tours. Les pivots de bascule et la machinerie sont situés à la base de chaque tour jumelle. La couleur d'origine est bleu-vert, mais pour les jubilés d'argent de la Reine Elizabeth en 1977, il a été peint en rouge, blanc et bleu. Depuis sa restauration dans les années 2010, il est peint en bleu et blanc.

ALSO AVAILABLE:
AUSSI DISPONIBLES:


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THE CN TOWER
LA TOUR DU CN

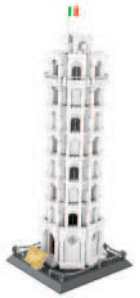

CATHEDRAL NOTRE-DAME
CATHÉDRALE NOTRE-DAME


TAJ MAHAL


THE LOUVRE
LE LOUVRE


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