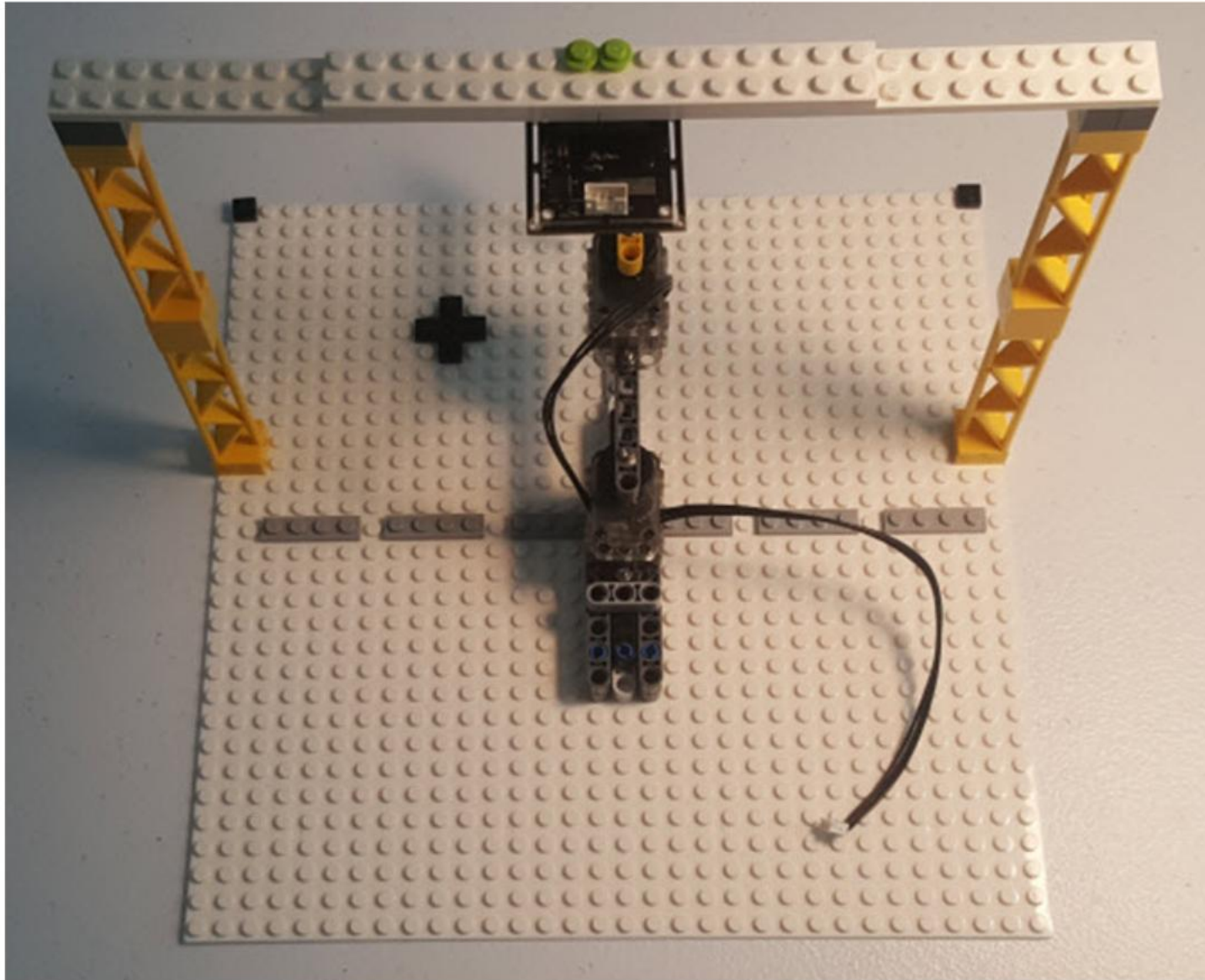


LEGO Camera Tower



(C) Paul Oh 2020. Studio File created 04/08/25



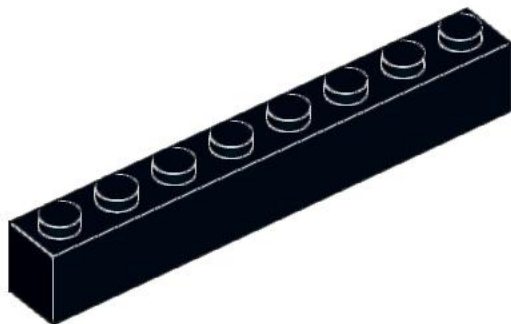
3x
2780
Black



2x
6538c
Black



1x
63869
Black

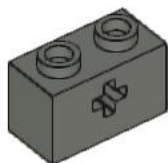


9x
3008
Black

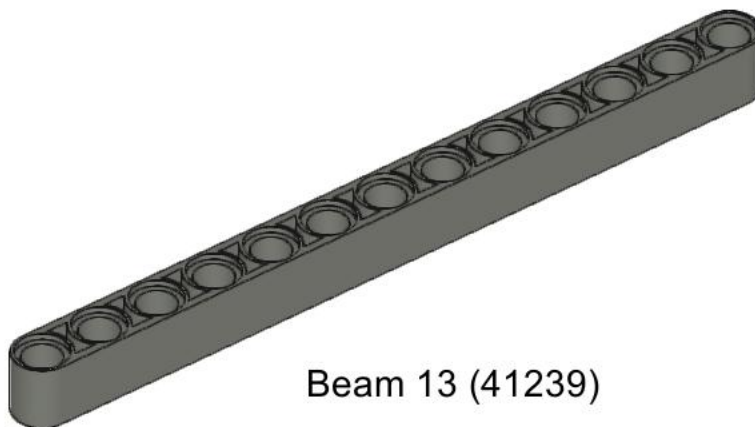


2x
3708
Black

Axle 12



4x
32064
Dark Bluish Gray

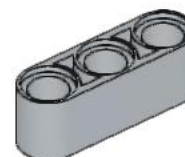


1x
41239
Dark Bluish Gray

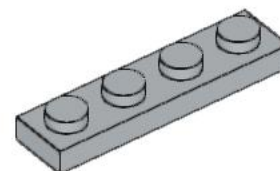
Beam 13 (41239)



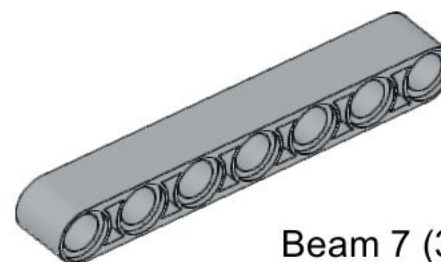
4x
3713
Light Bluish Gray



1x
32523
Light Bluish Gray

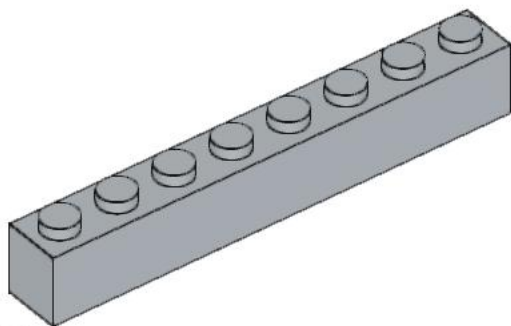


8x
3710
Light Bluish Gray

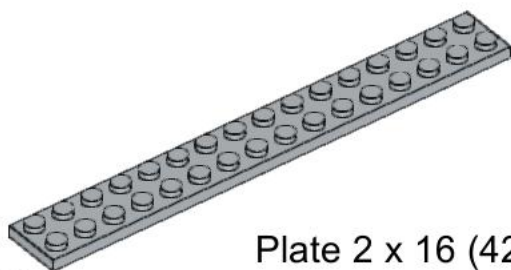


4x
32524
Light Bluish Gray

Beam 7 (32524)

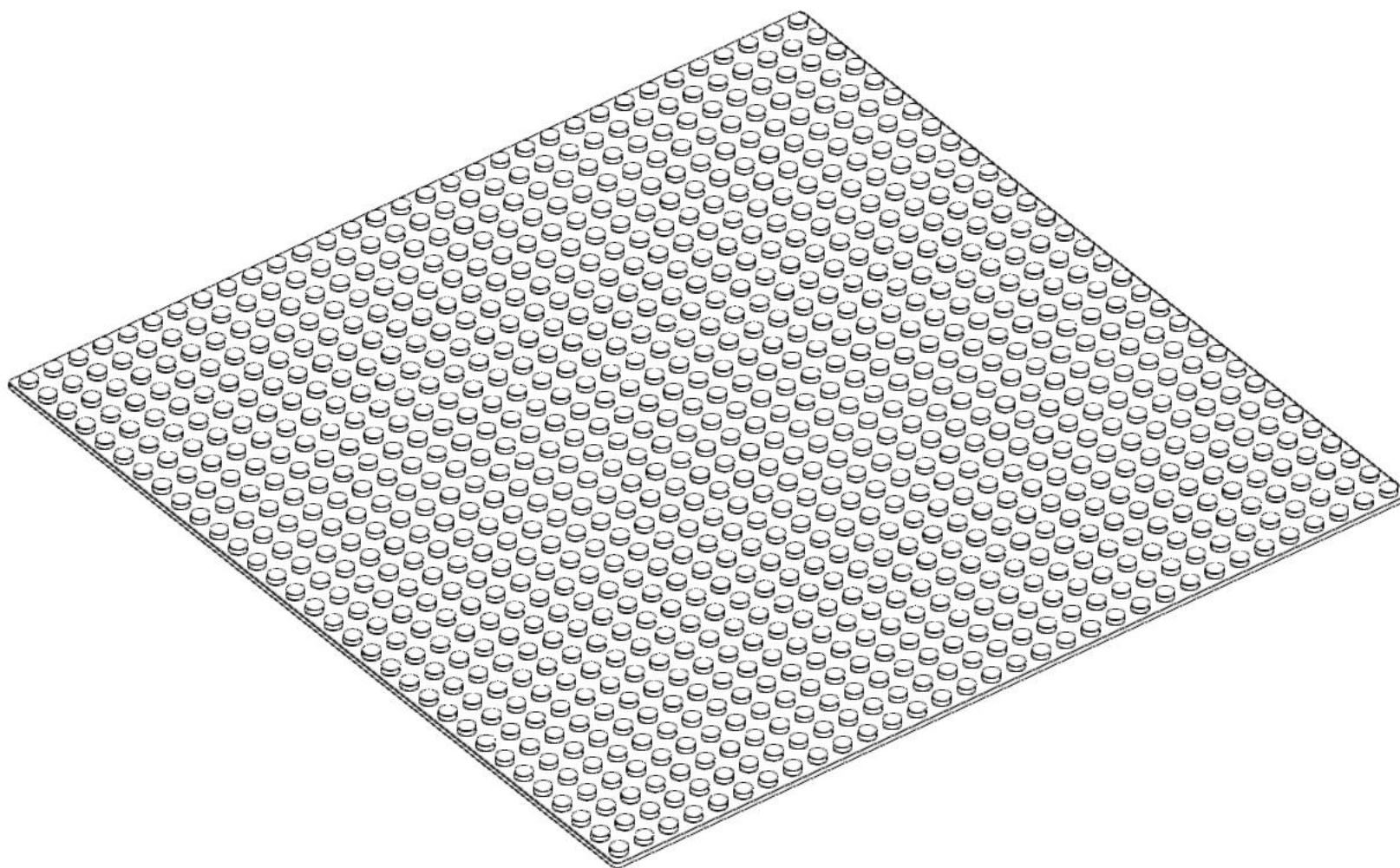


8x
3008
Light Bluish Gray



3x
4282
Light Bluish Gray

Plate 2 x 16 (4282)

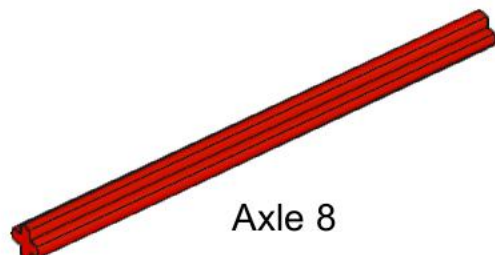


1x
3811
White

32 x 32 Baseplate (3811)

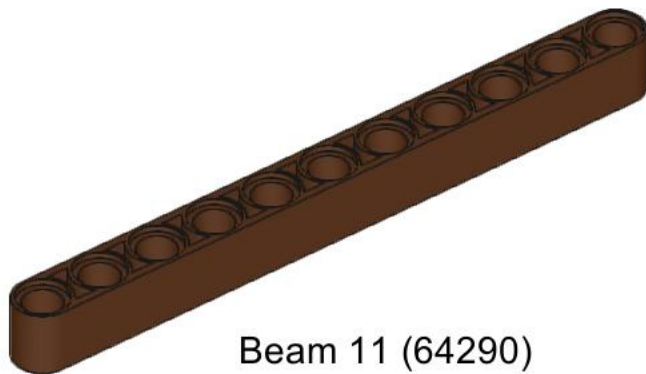


2x
4073
Red



Axle 8

1x
3707
Red



Beam 11 (64290)

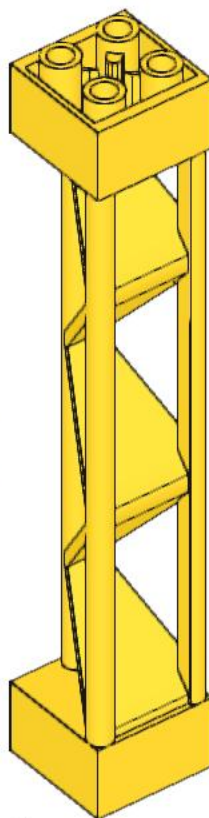
1x
32525
Brown



2x
4265c
Yellow



9x
4073
Yellow



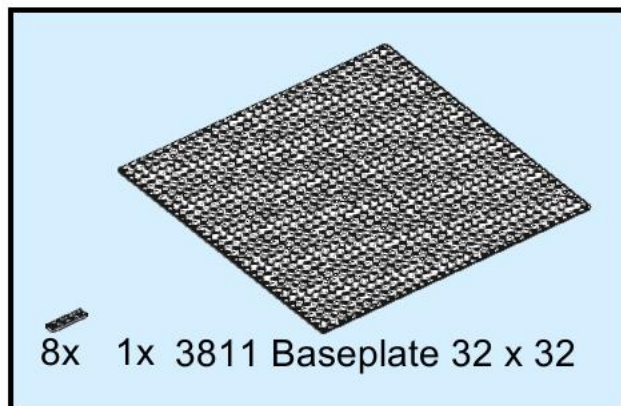
4x
30517
Yellow



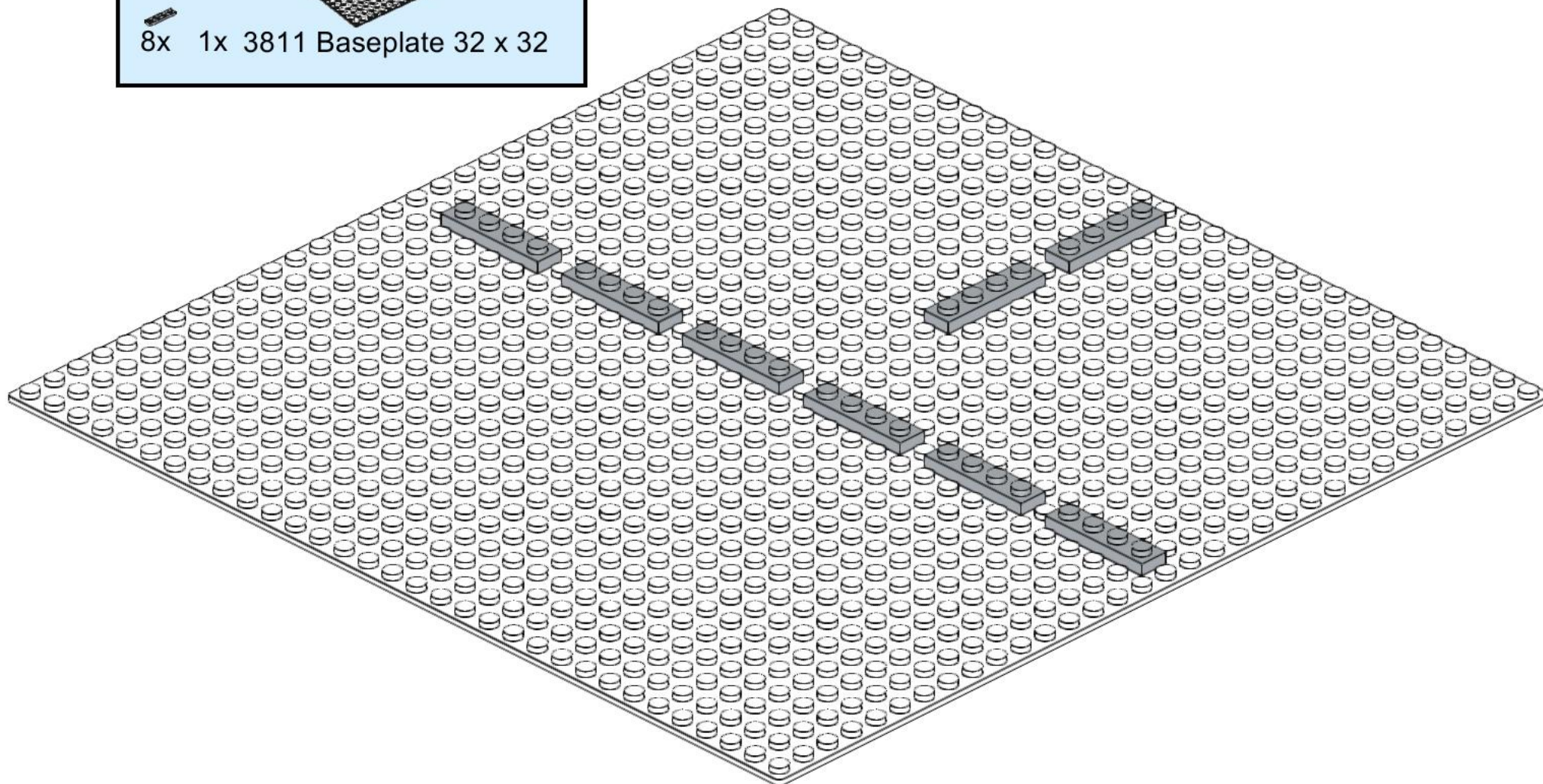
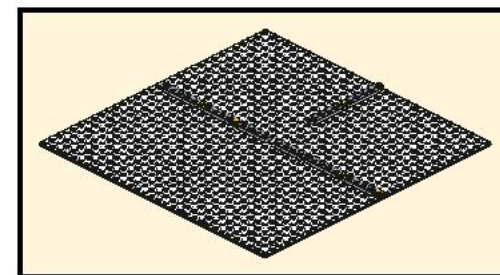
6x
4274
Blue

NB: Support 2 x 2 x 10 Girder
Triangular Vertical is 10 studs tall

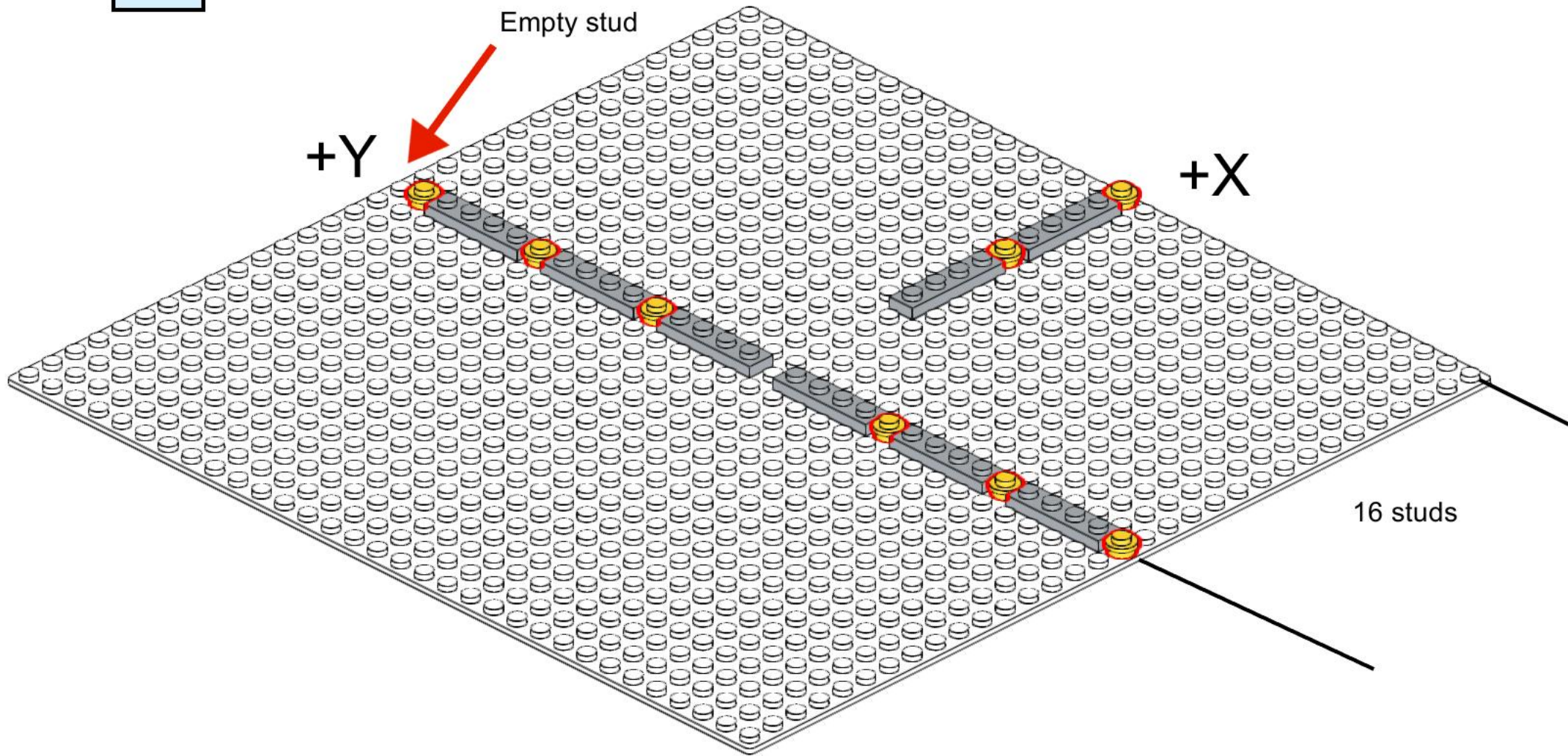
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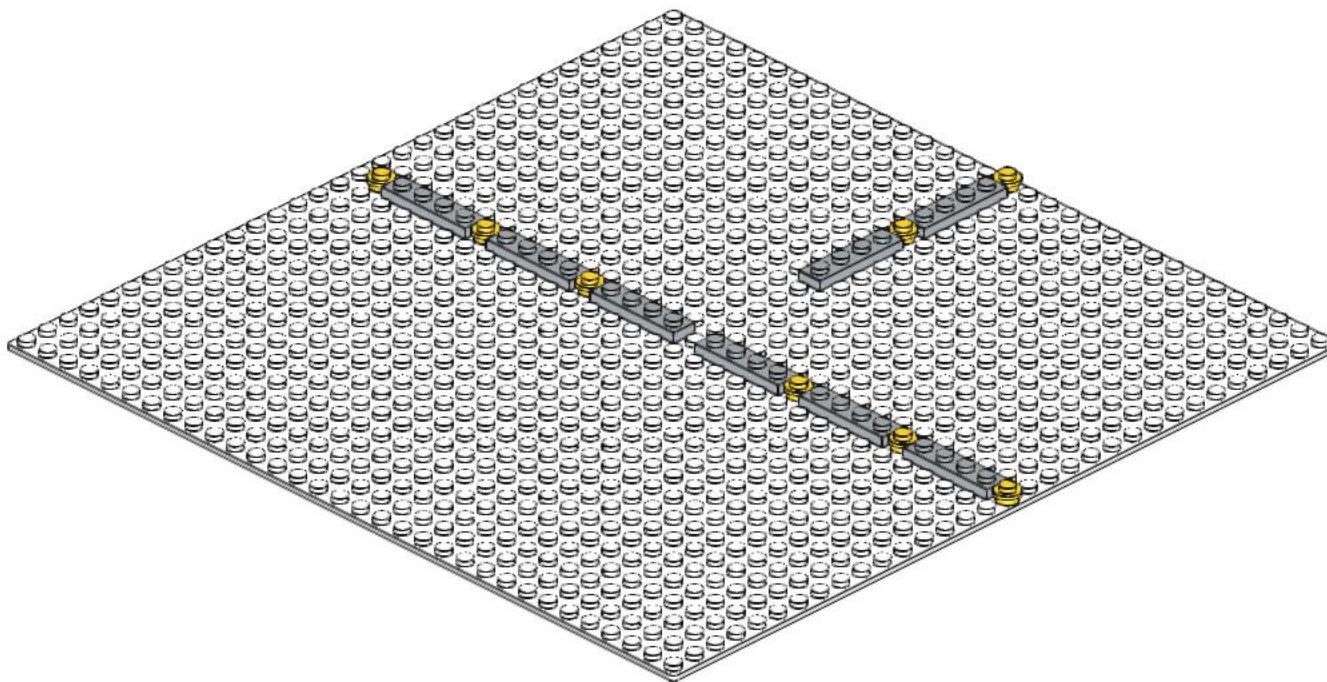
If the base plate and
XL-320 robot mount were
constructed before, you
can start at Step 10



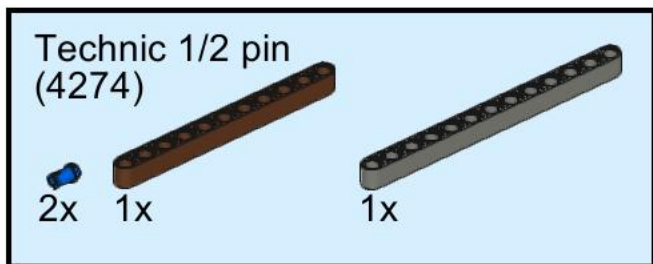
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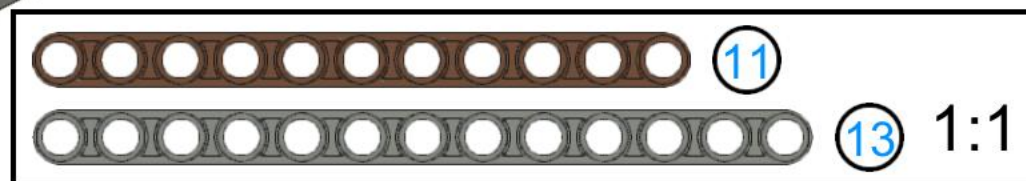
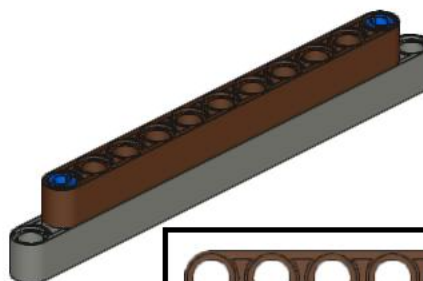
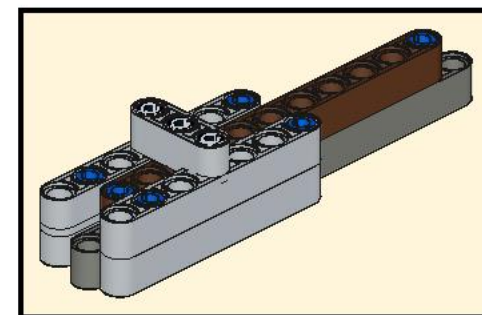
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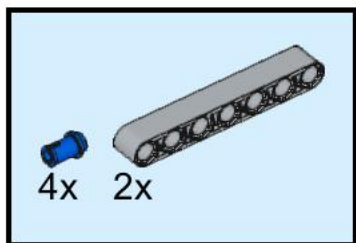
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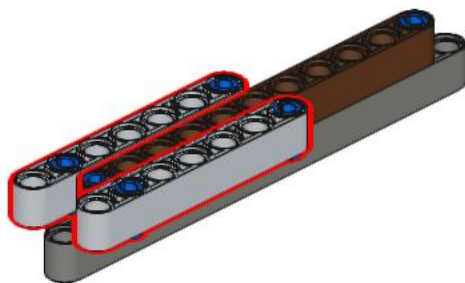
Beam 11 (64290) Beam 13 (41239)



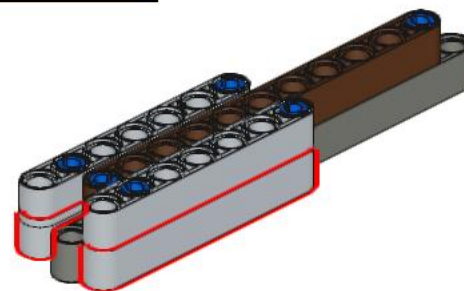
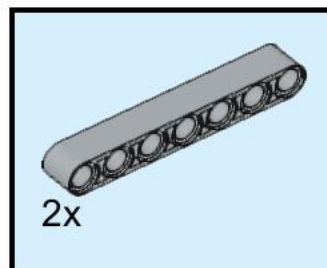
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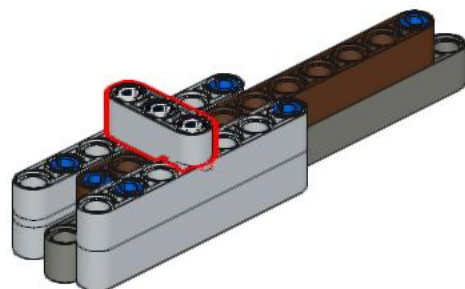
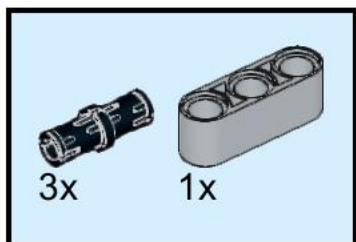
Beam 7 (32524)



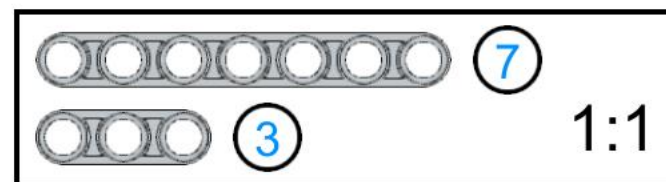
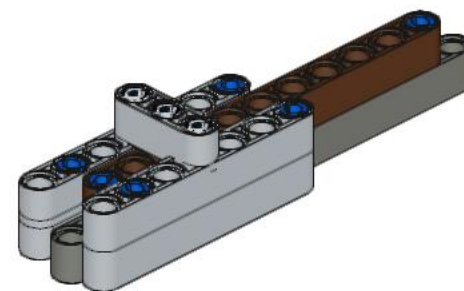
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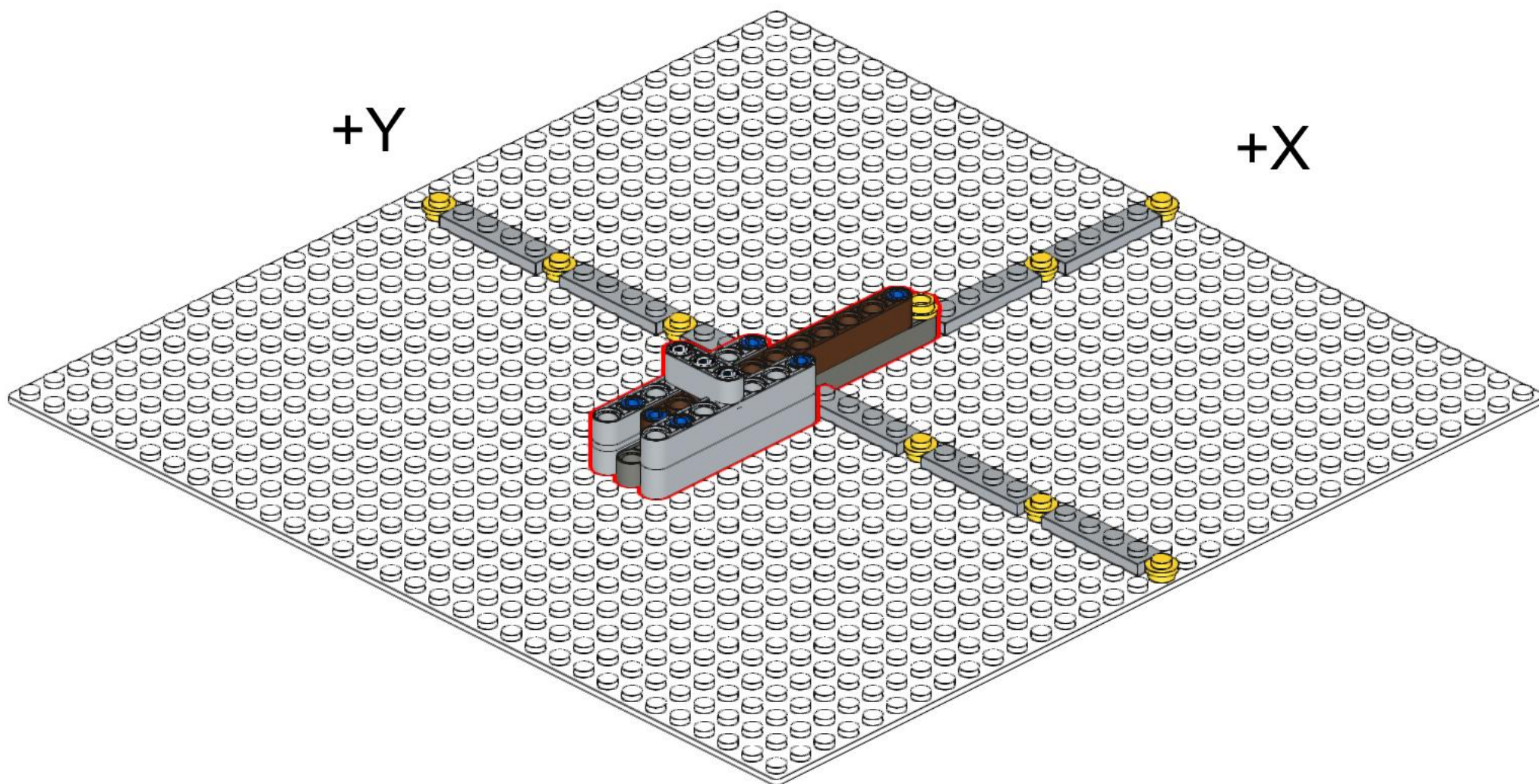
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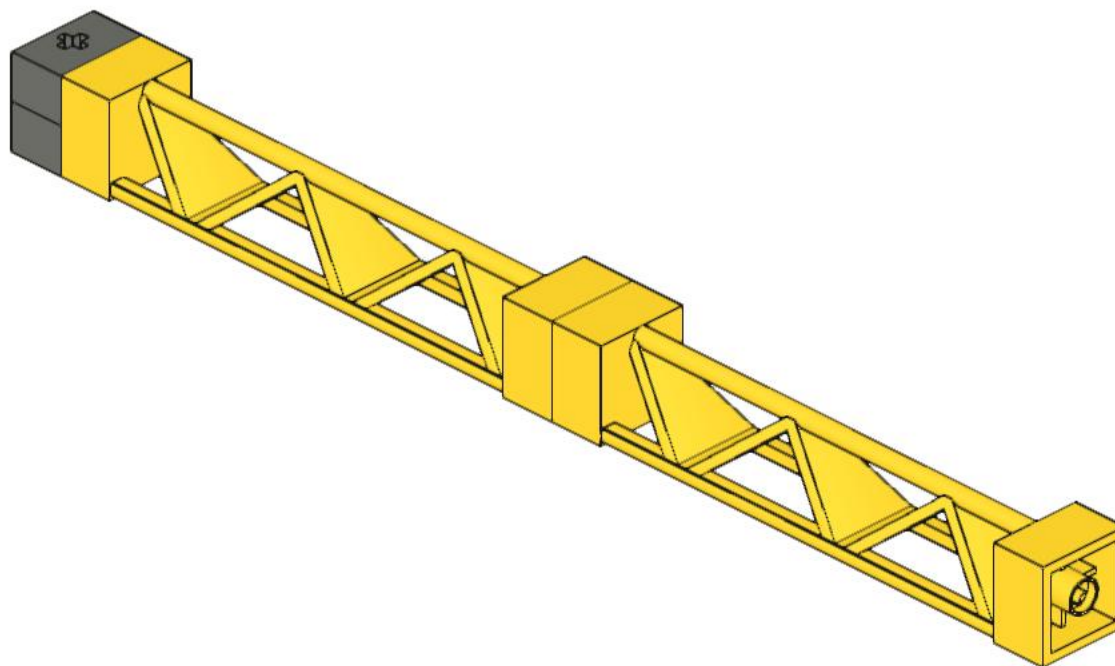
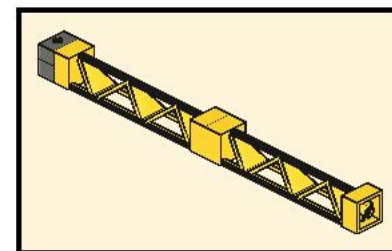
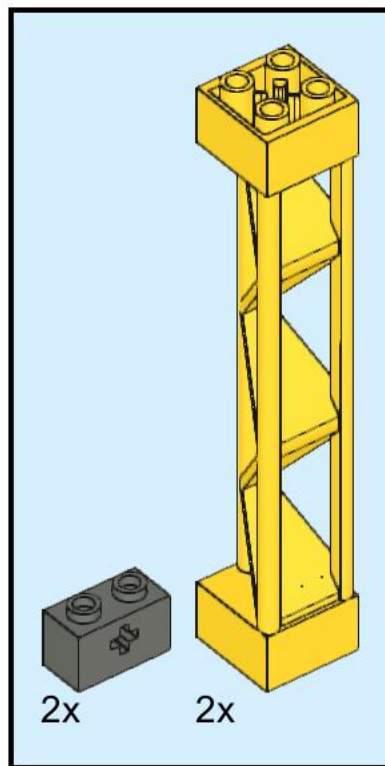
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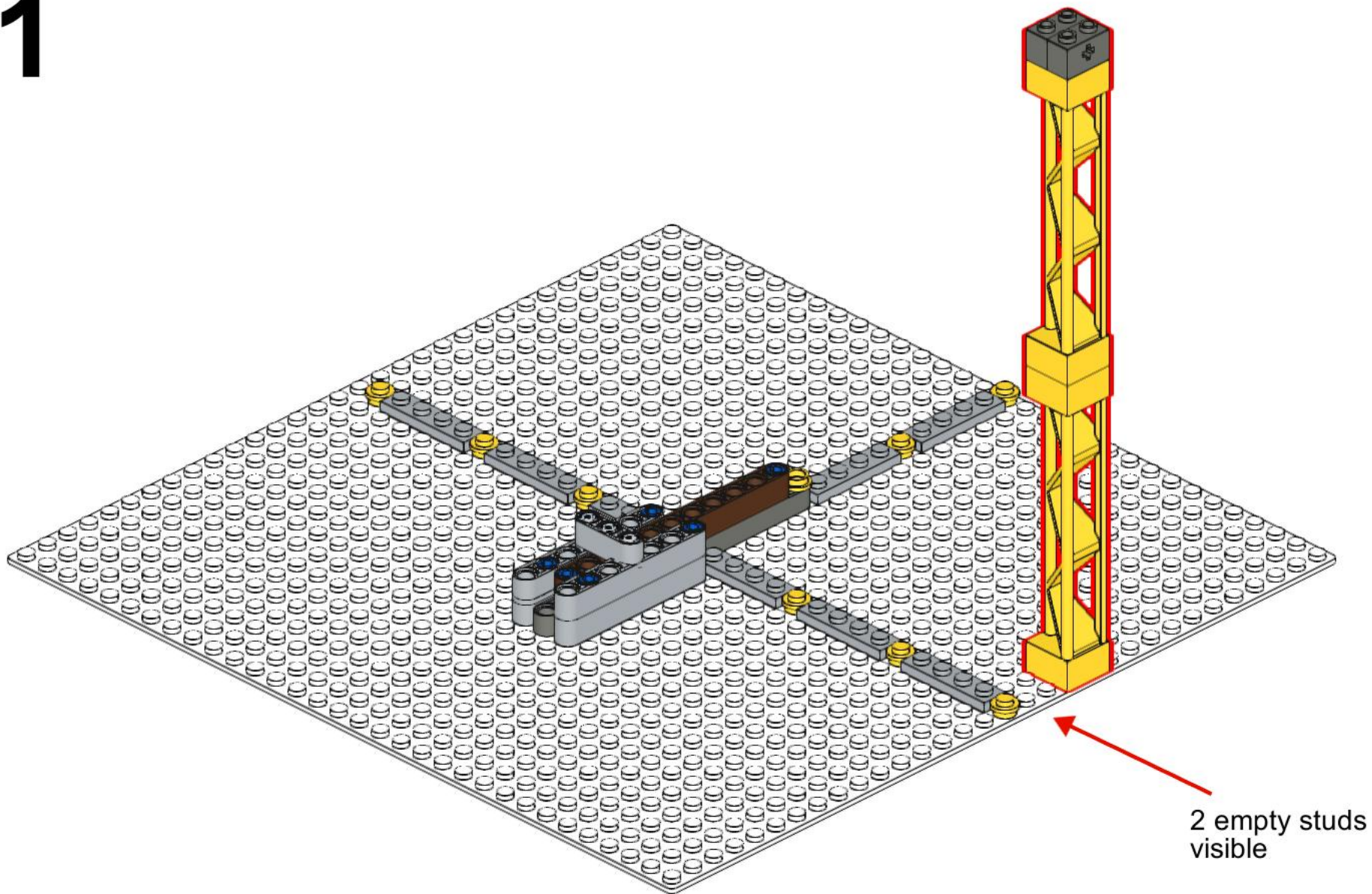
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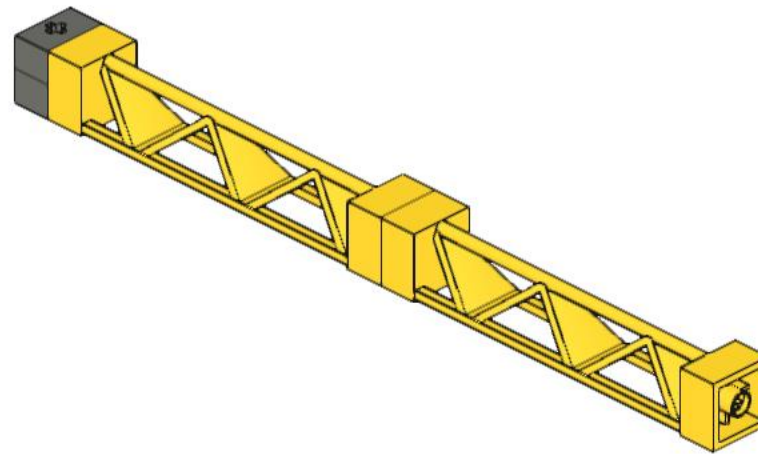
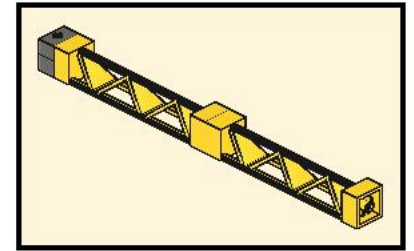
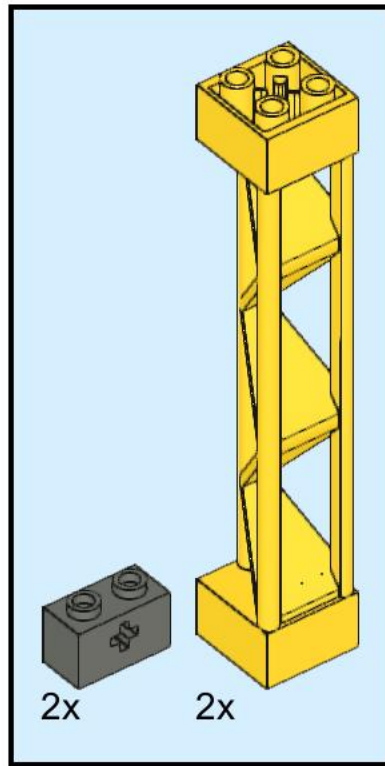
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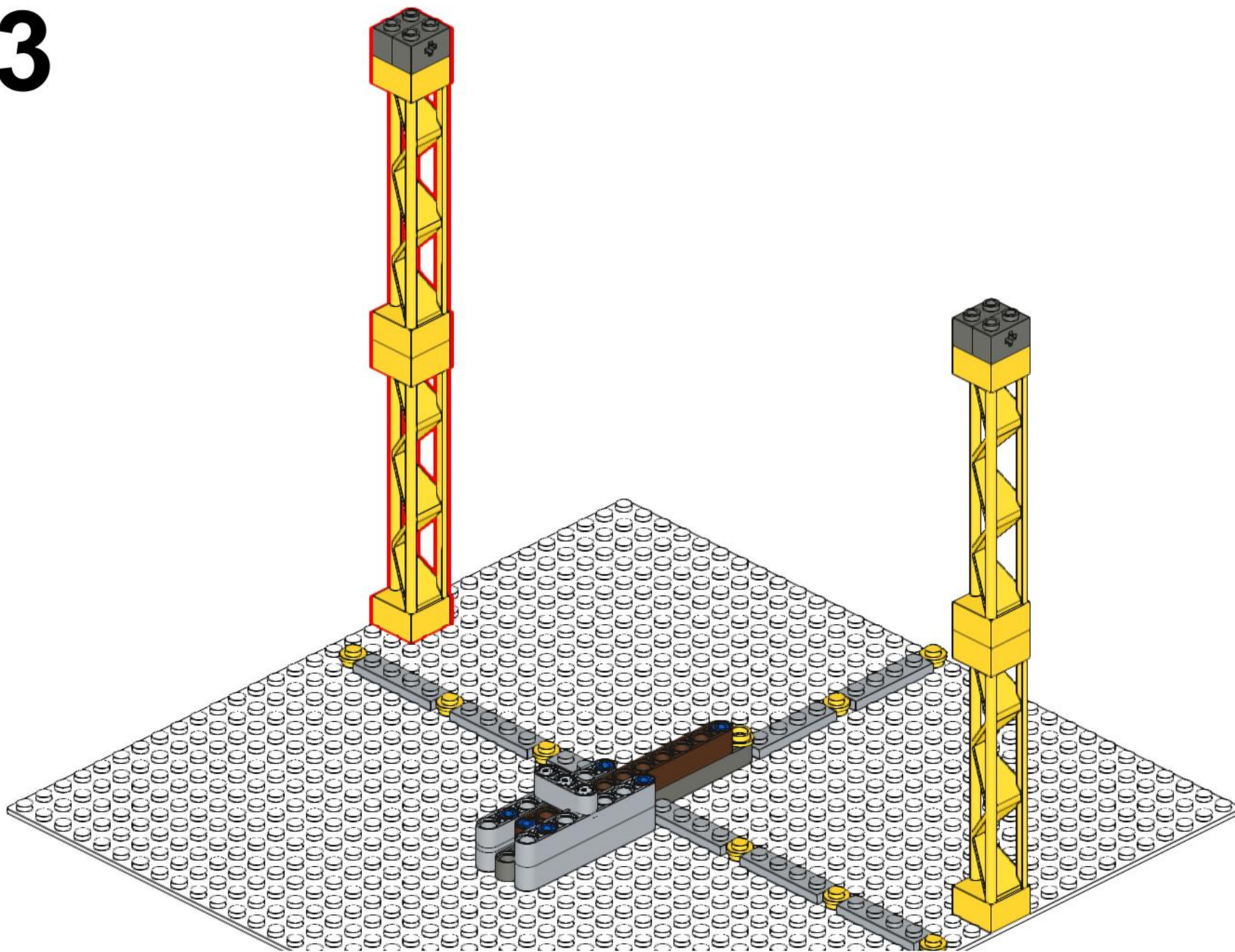
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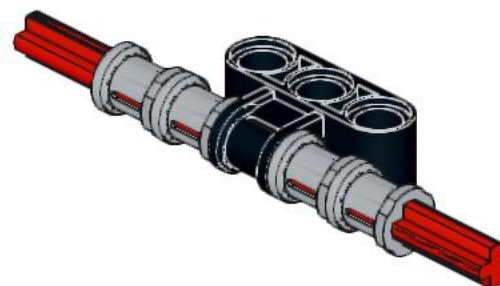
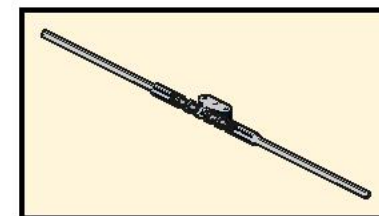
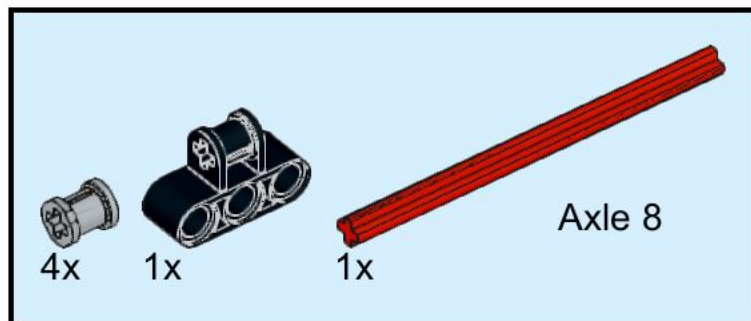
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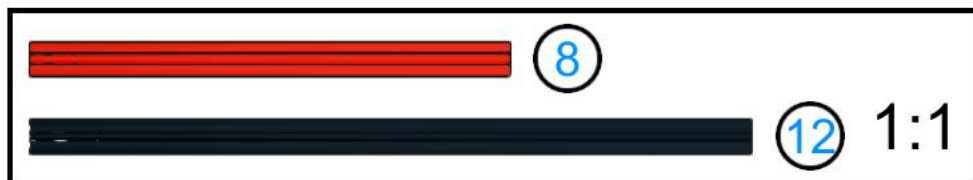
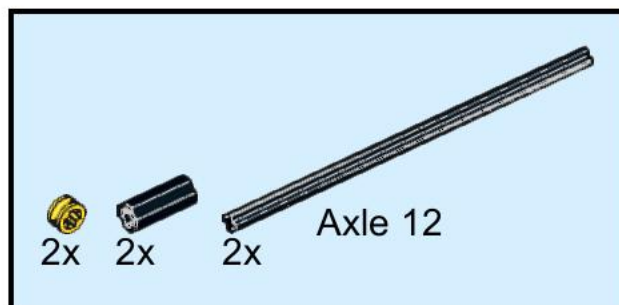
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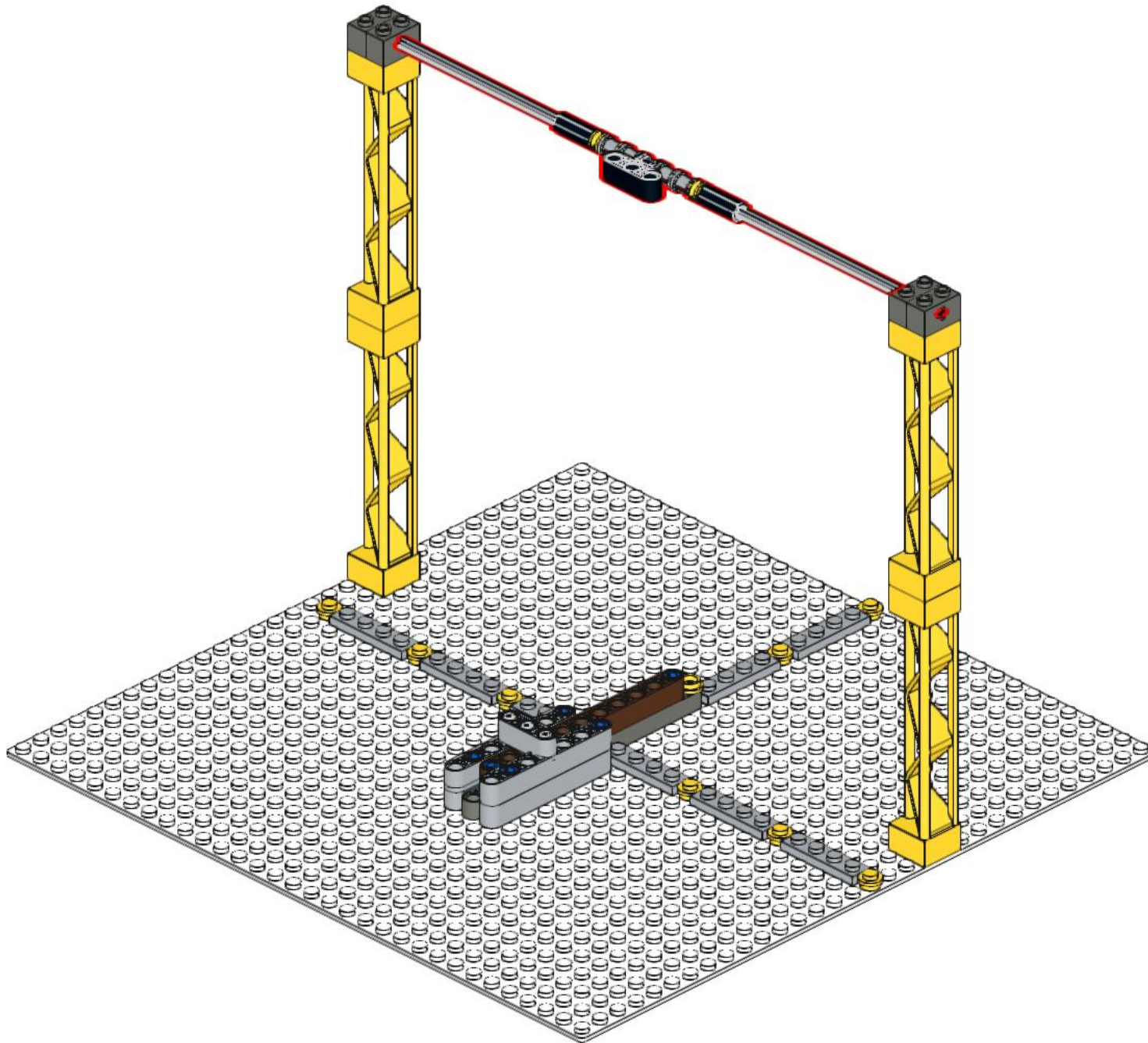
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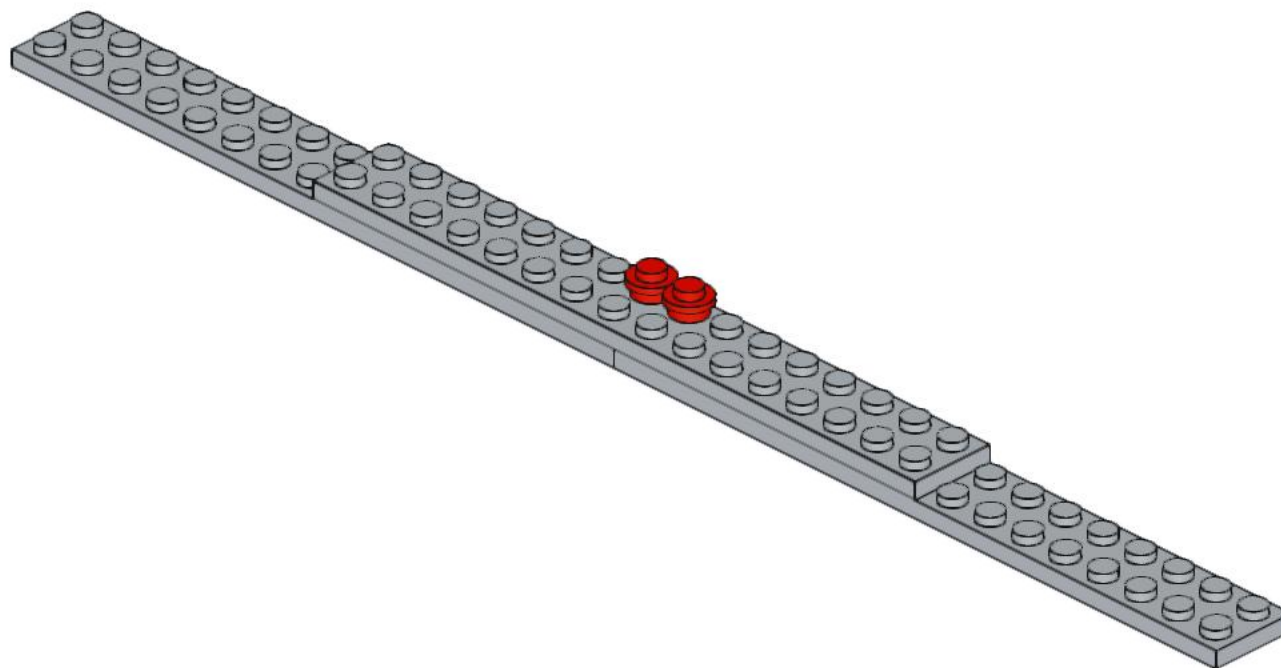
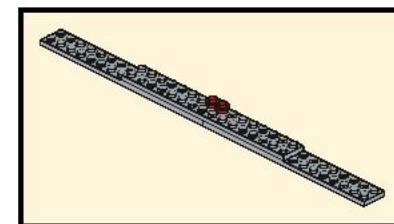
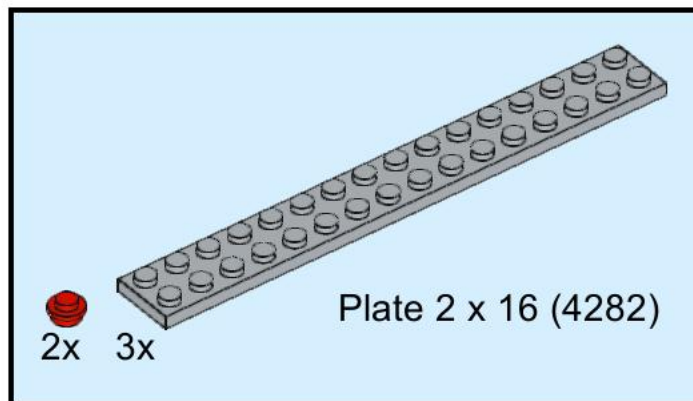
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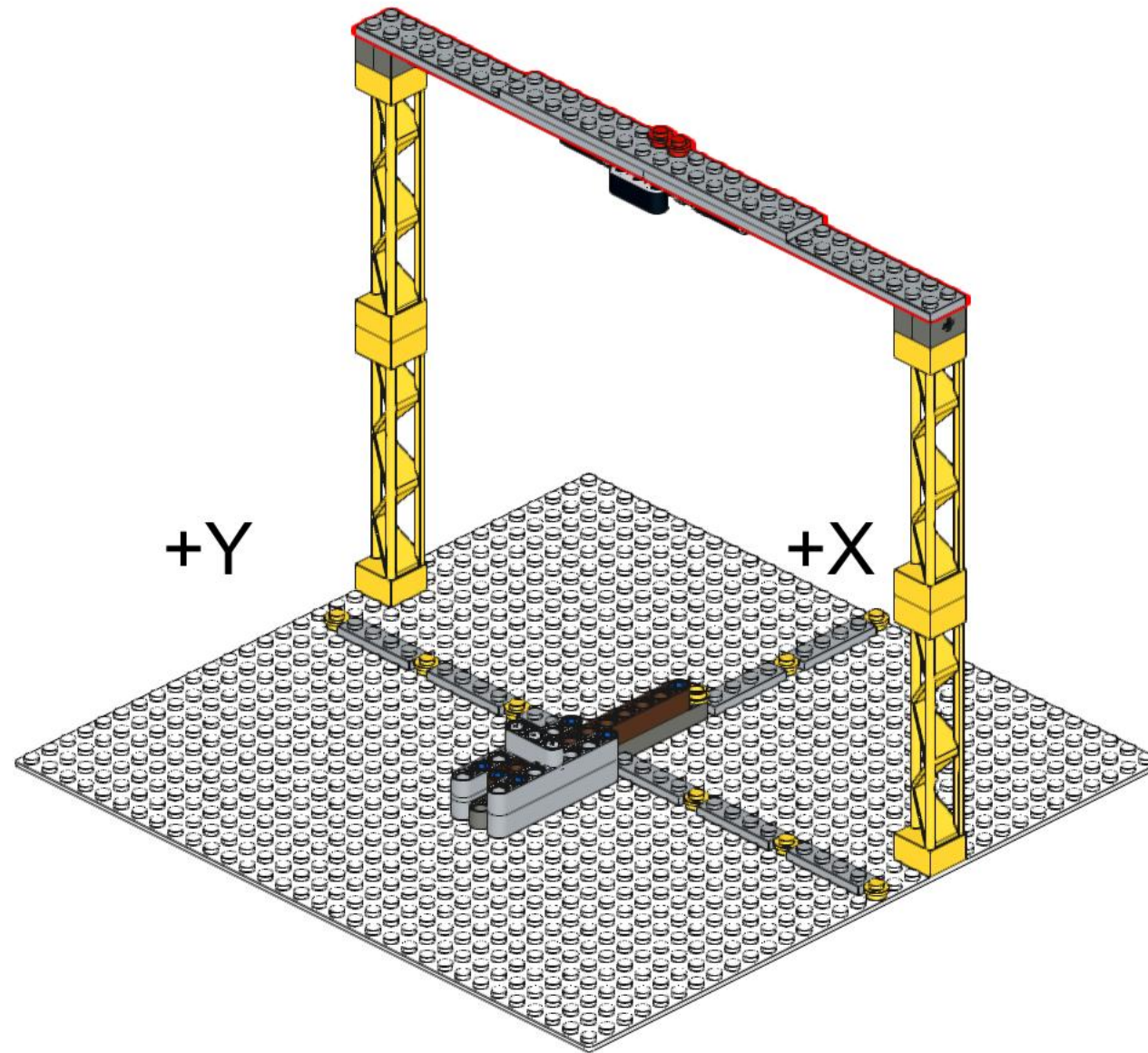
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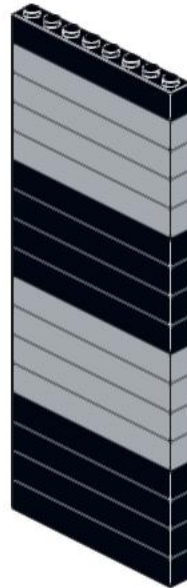
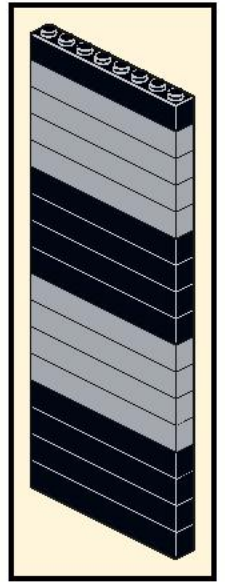
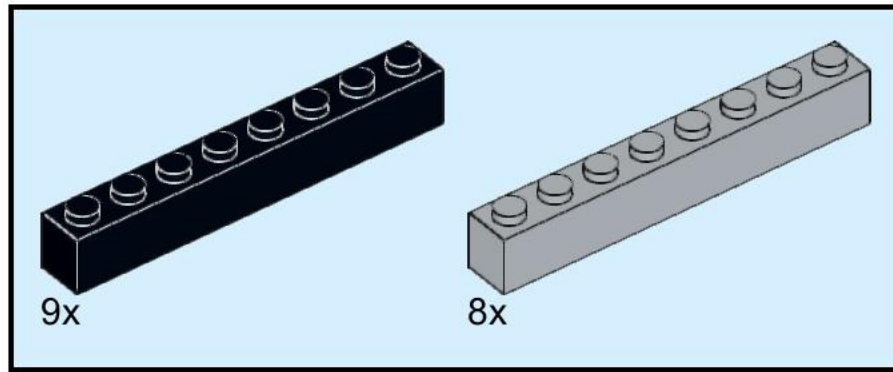
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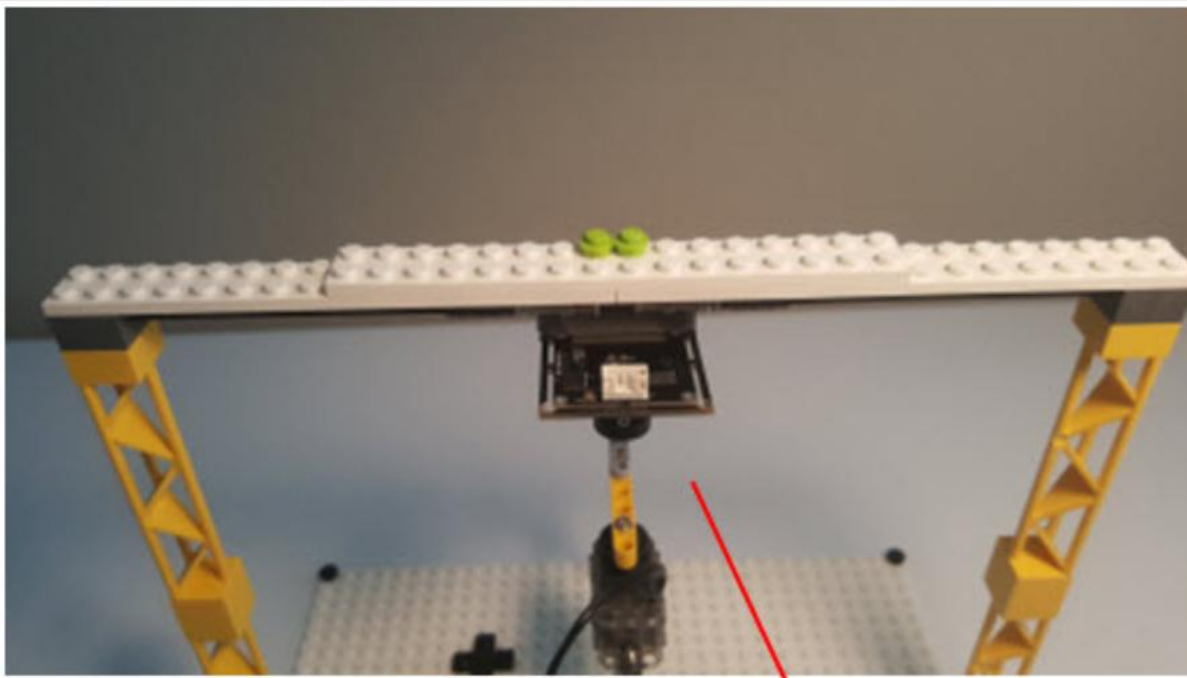


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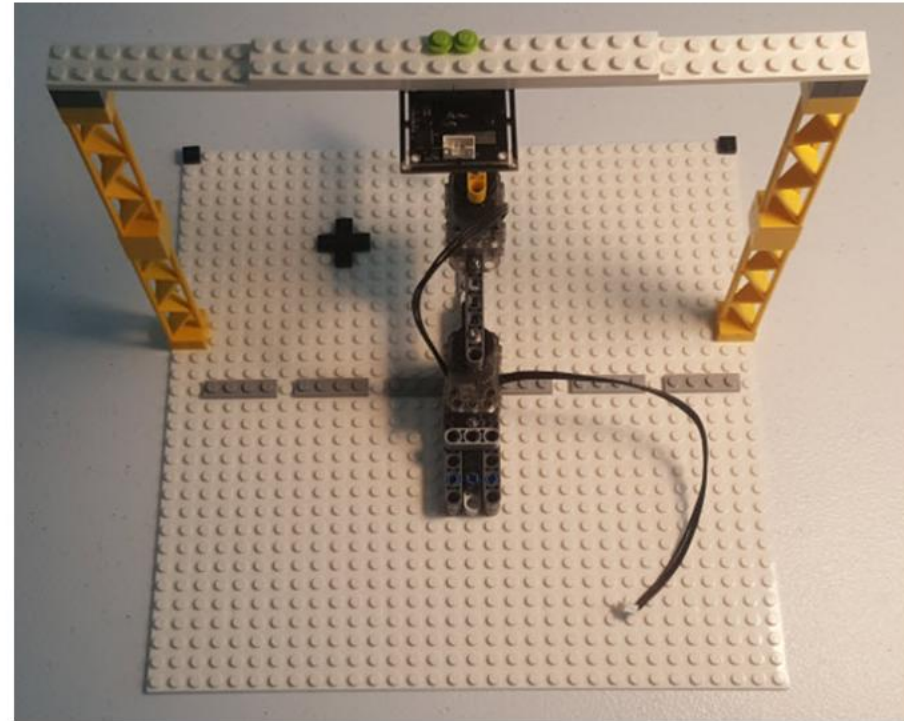
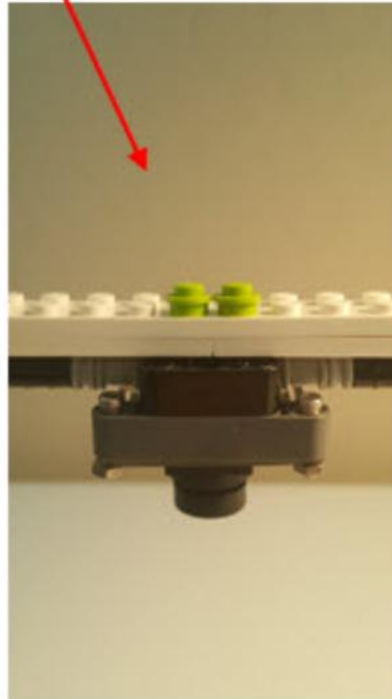
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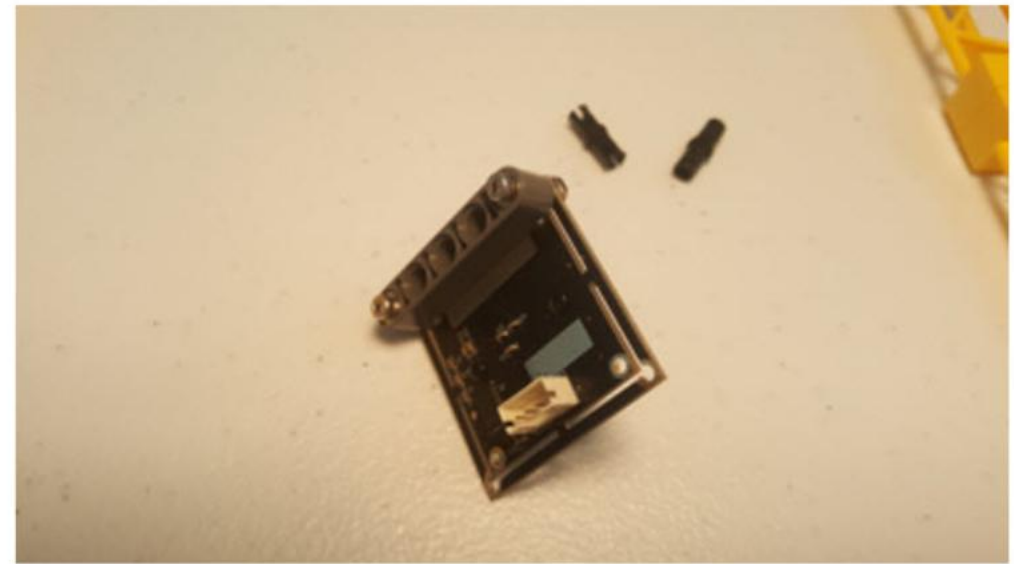
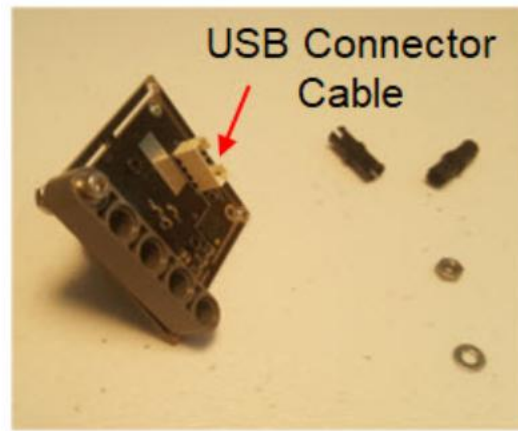
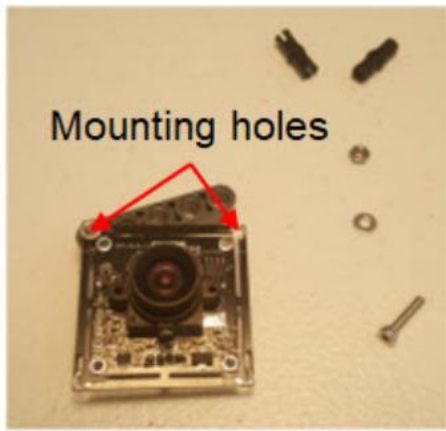




Step 13: Attach 2x16 plates to Tower. NB: Camera orientation.

Note how camera's lens is centered on the 2x16 Beam (as indicated by Green 1x1 Rounds)





Step 7: Screw M2.5 Bolt into Washer and Beam 5 and secure with Nut. NB: Camera orientation and mounting hole locations (2 views above given)

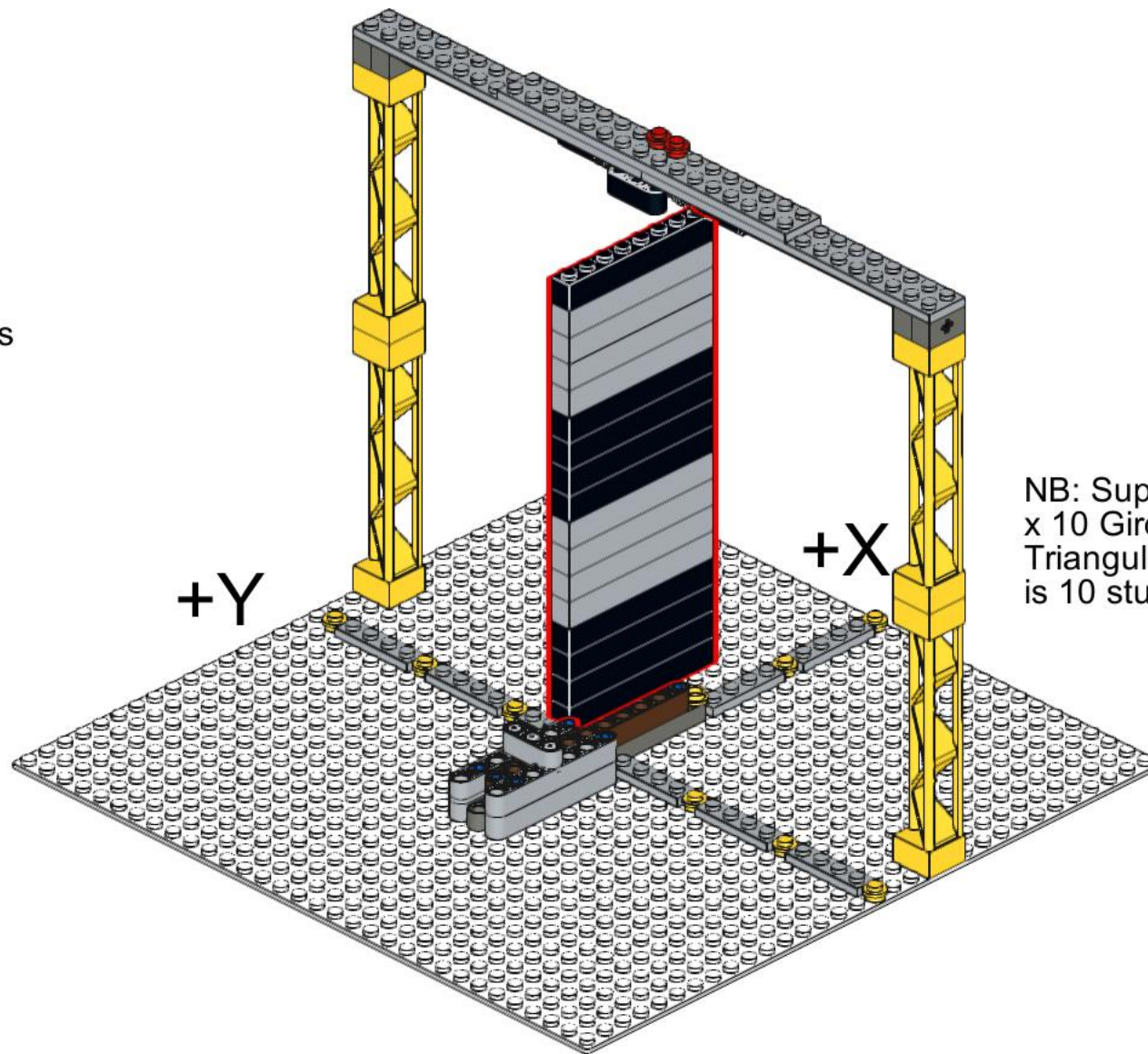
Step 8: Screw remaining M2.5 Bolt



Step 9: Attach 2 Friction Pegs into Beam 5

20

Stack of 17 Technic Bricks
between Base Plate and
Lens. $17 \times 6 \text{ mm} + 1 \text{ mm}$
(due to stud) = 103 mm
distance



NB: Support 2 x 2
x 10 Girder
Triangular Vertical
is 10 studs tall