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Simple machines



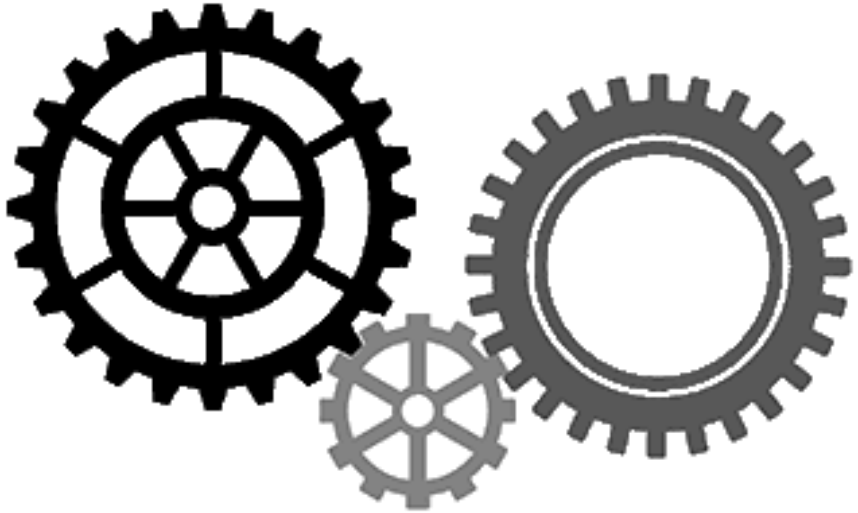
MILL

Toady we are going back to the funfair!



And we will build a mill with gears!

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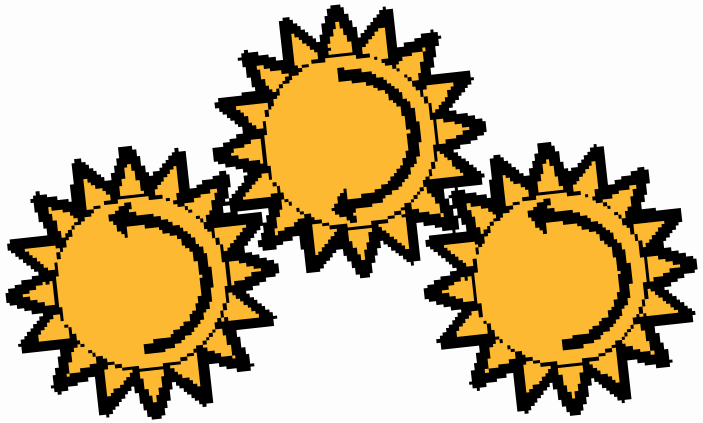


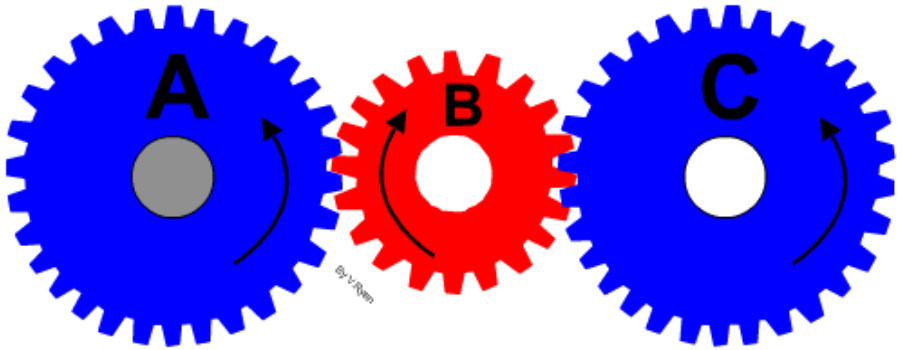
Do you remember which one is the driver-gear and driven one?



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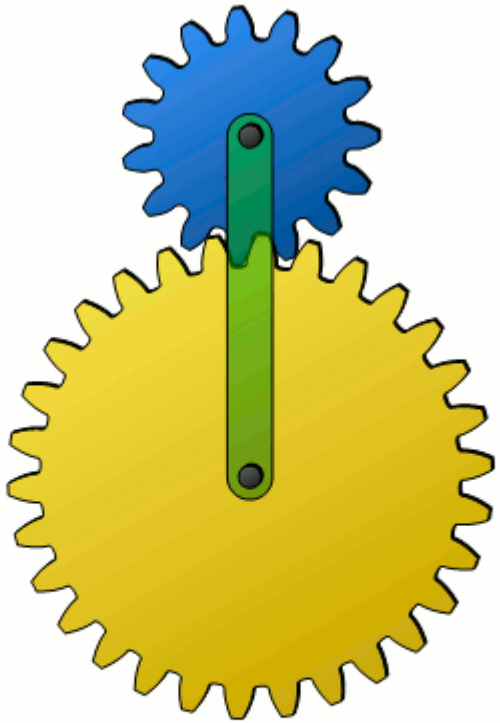




Look at the way gears move when adjacent!

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Two gears move different ways when adjacent.





What impresses me is the different speed of big and small gears

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Comment on why gears with more or less teeth have a different speed



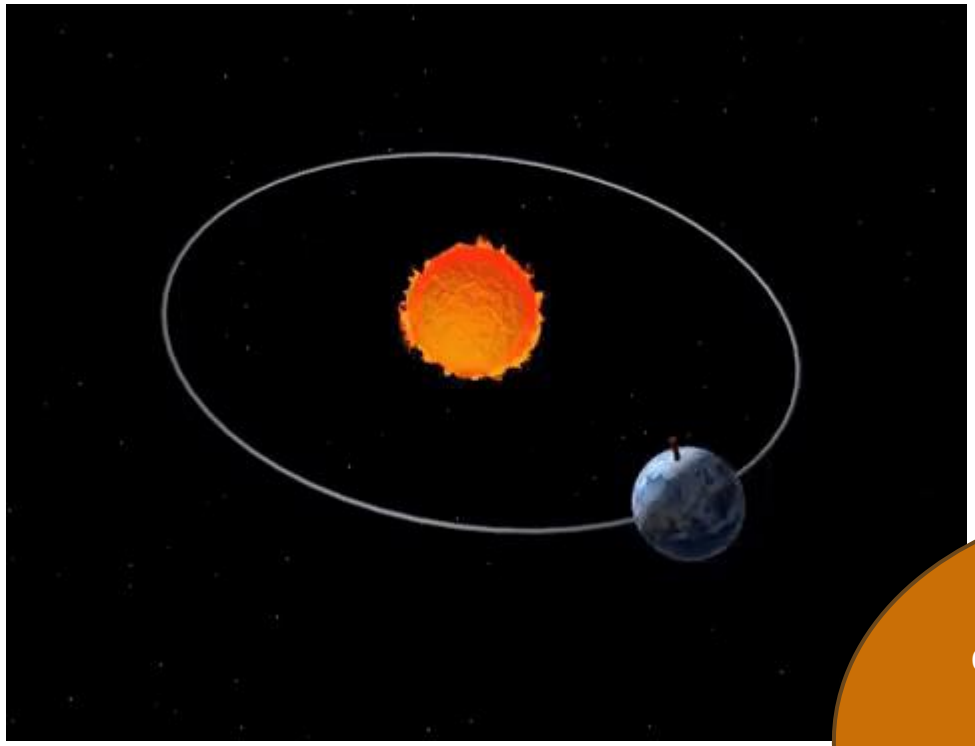
I’m bored! When are we going to the funfair?



After we talk about rotation!

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There are two kinds of rotation: around ourselves and around another body. The Earth does both!

If we want to be exact, you are right! Do you know how much time the Earth needs to do these two motions?



The second one is called revolution!!

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Ask your students to mention examples of rotation and revolution they are aware of.

Simple machines

MILL







We never try this!





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Discuss with your students whether they have been on a mill and what is their experience from this!

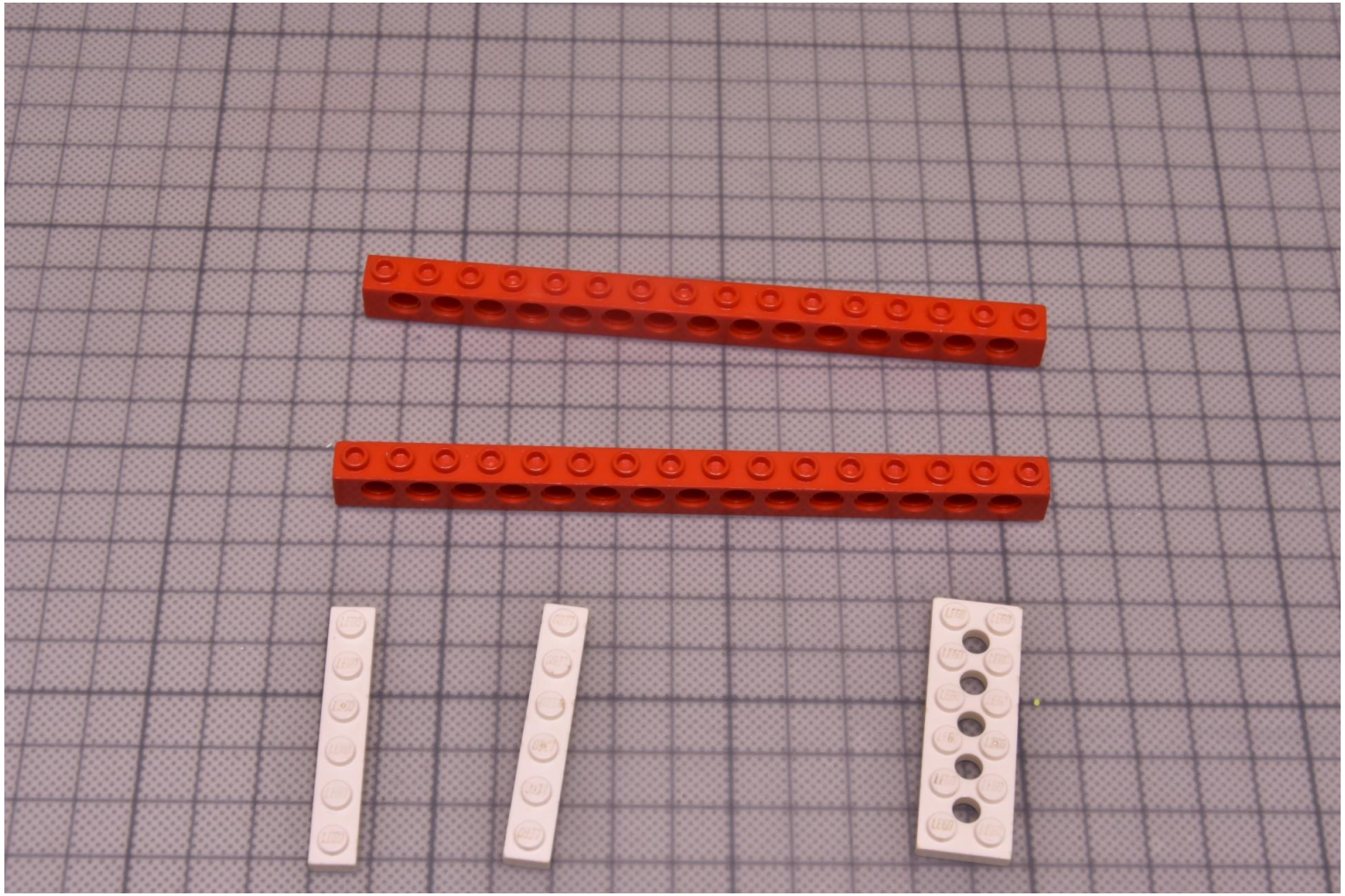
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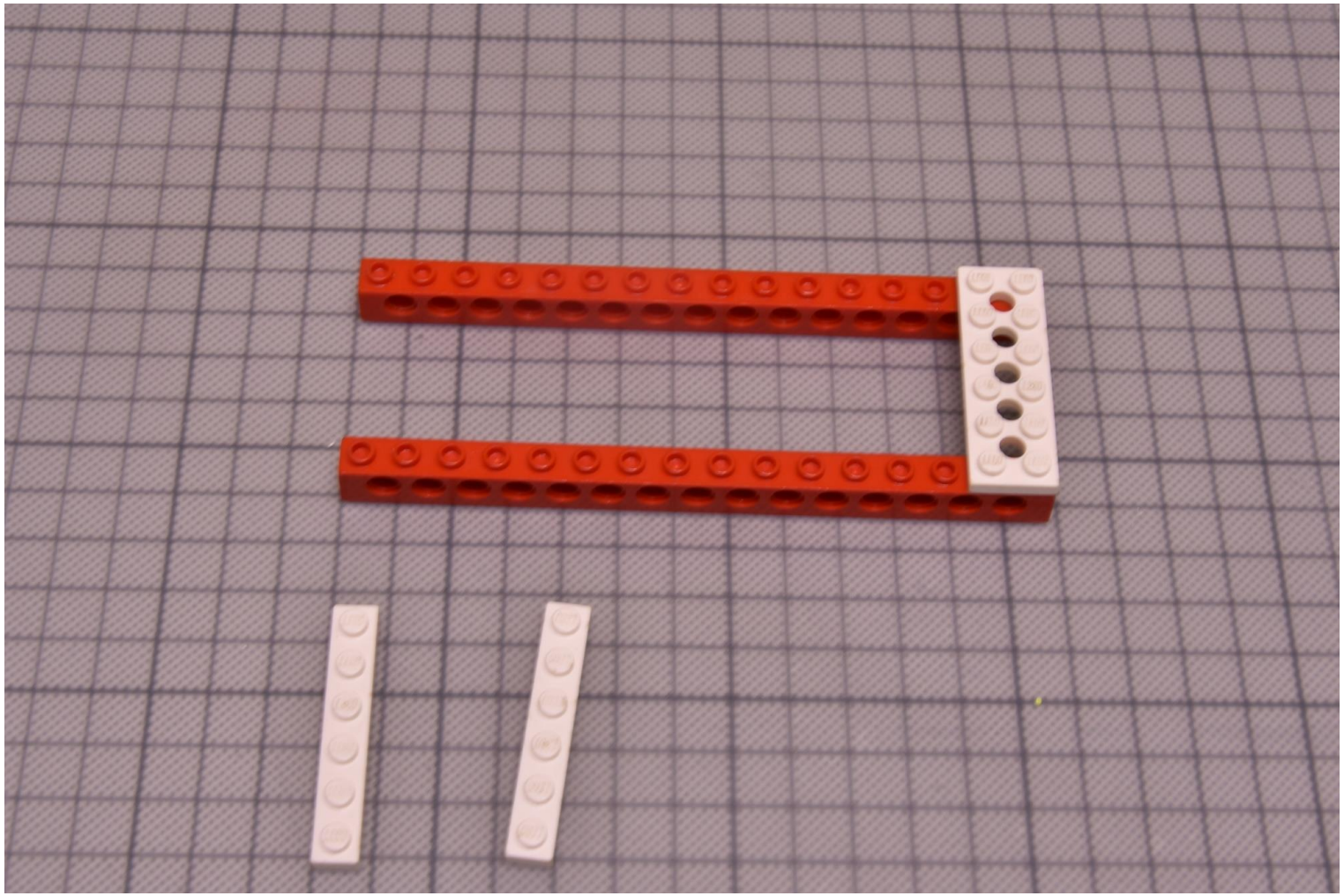
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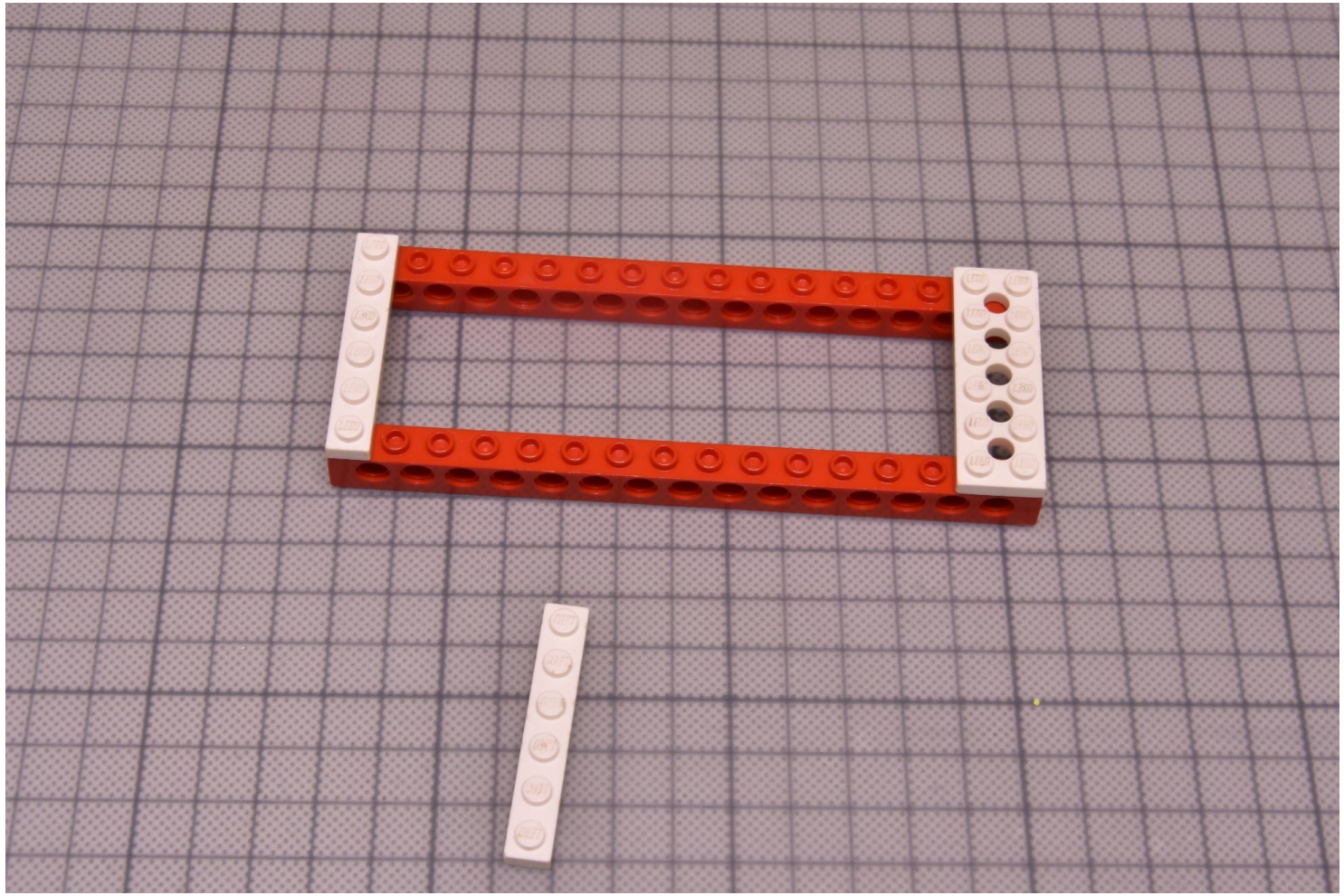


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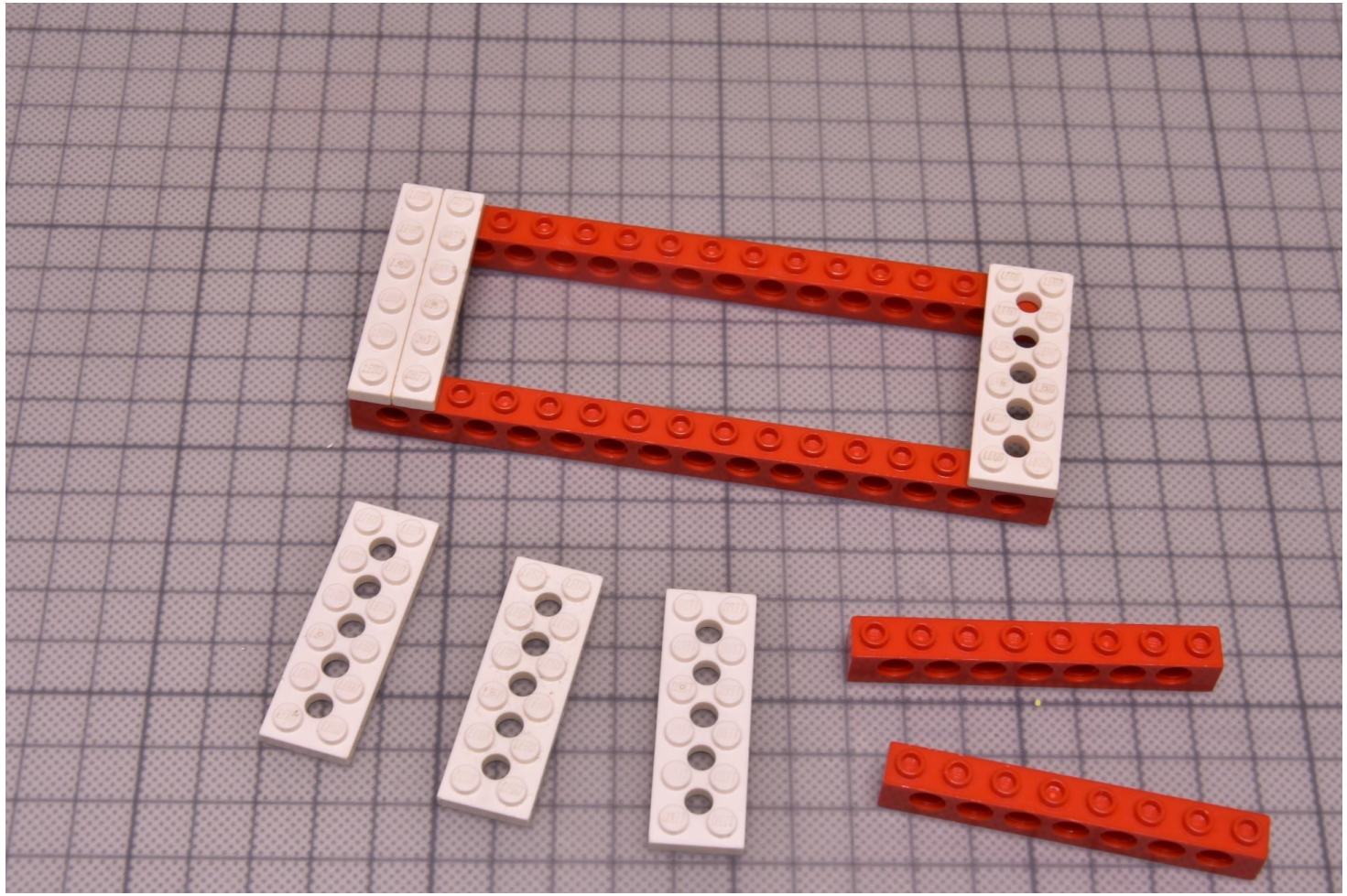


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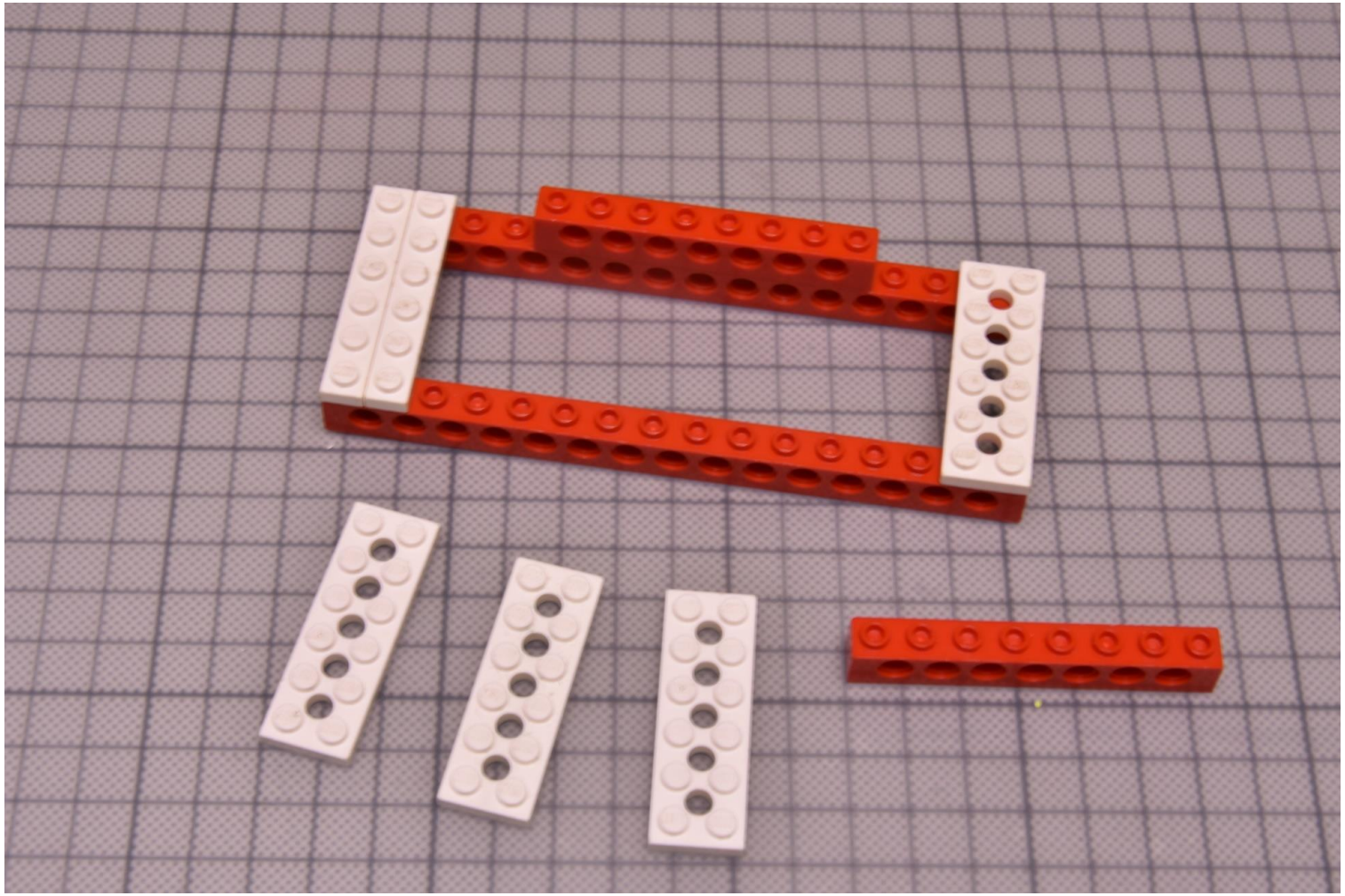
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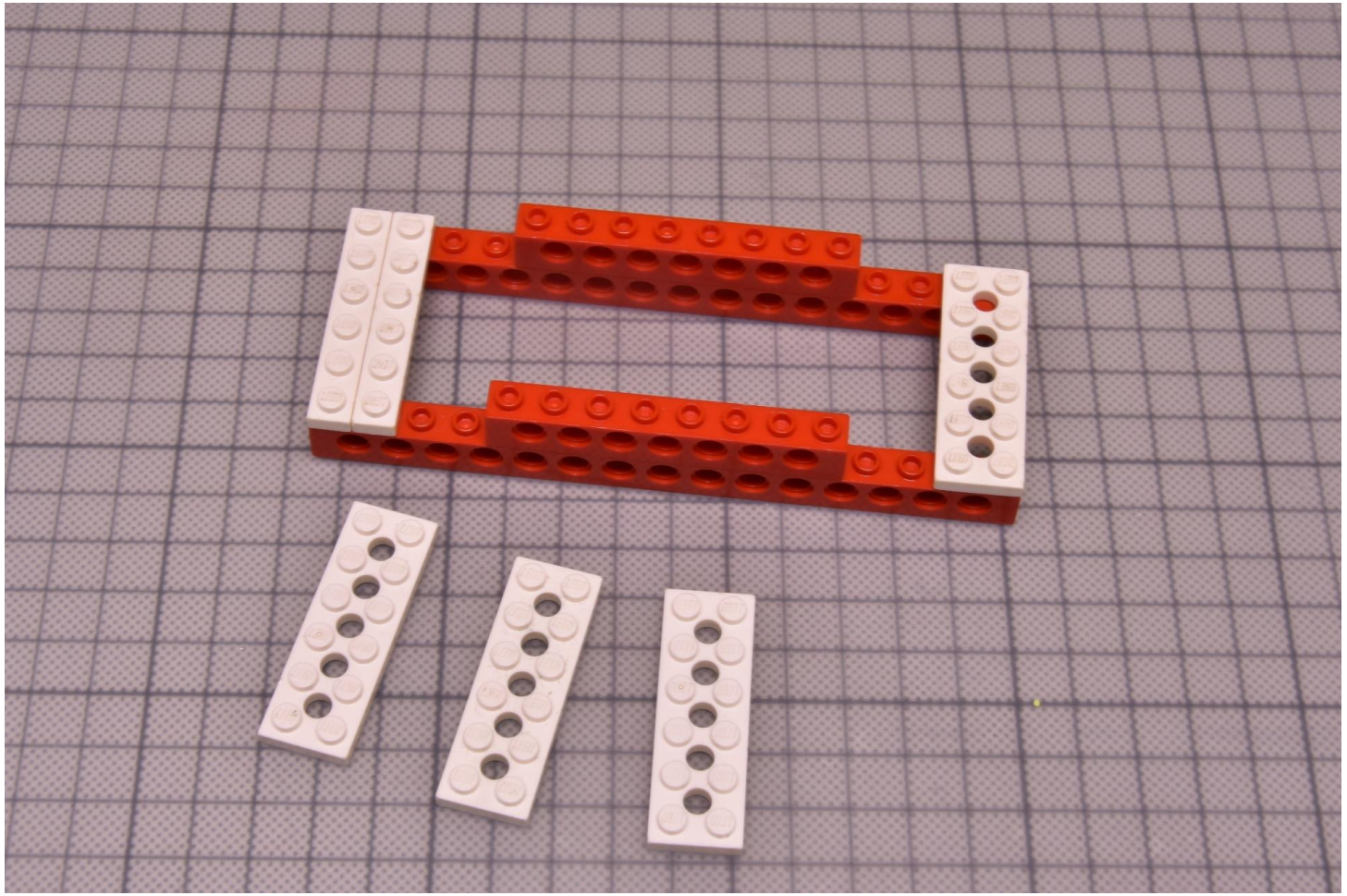
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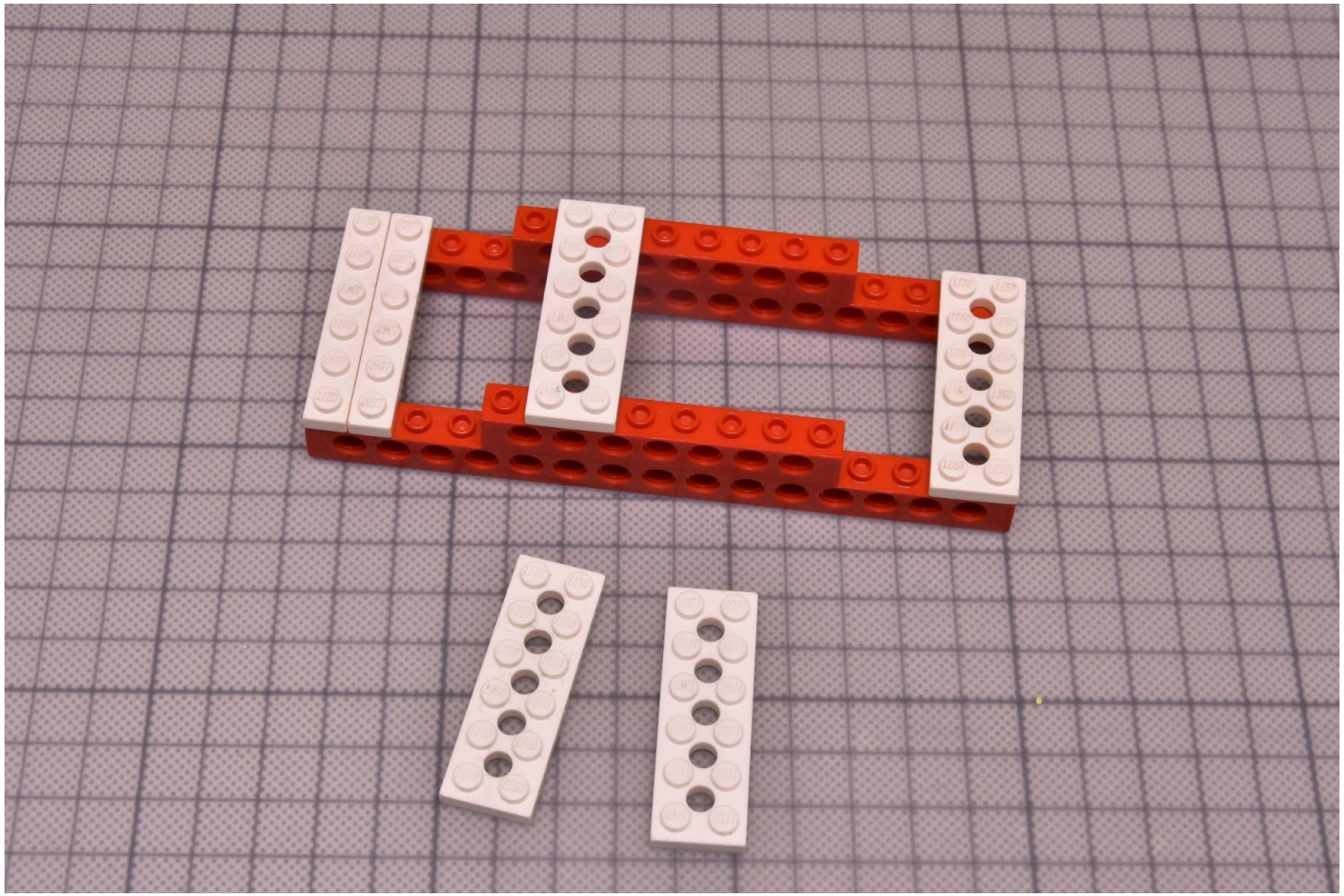
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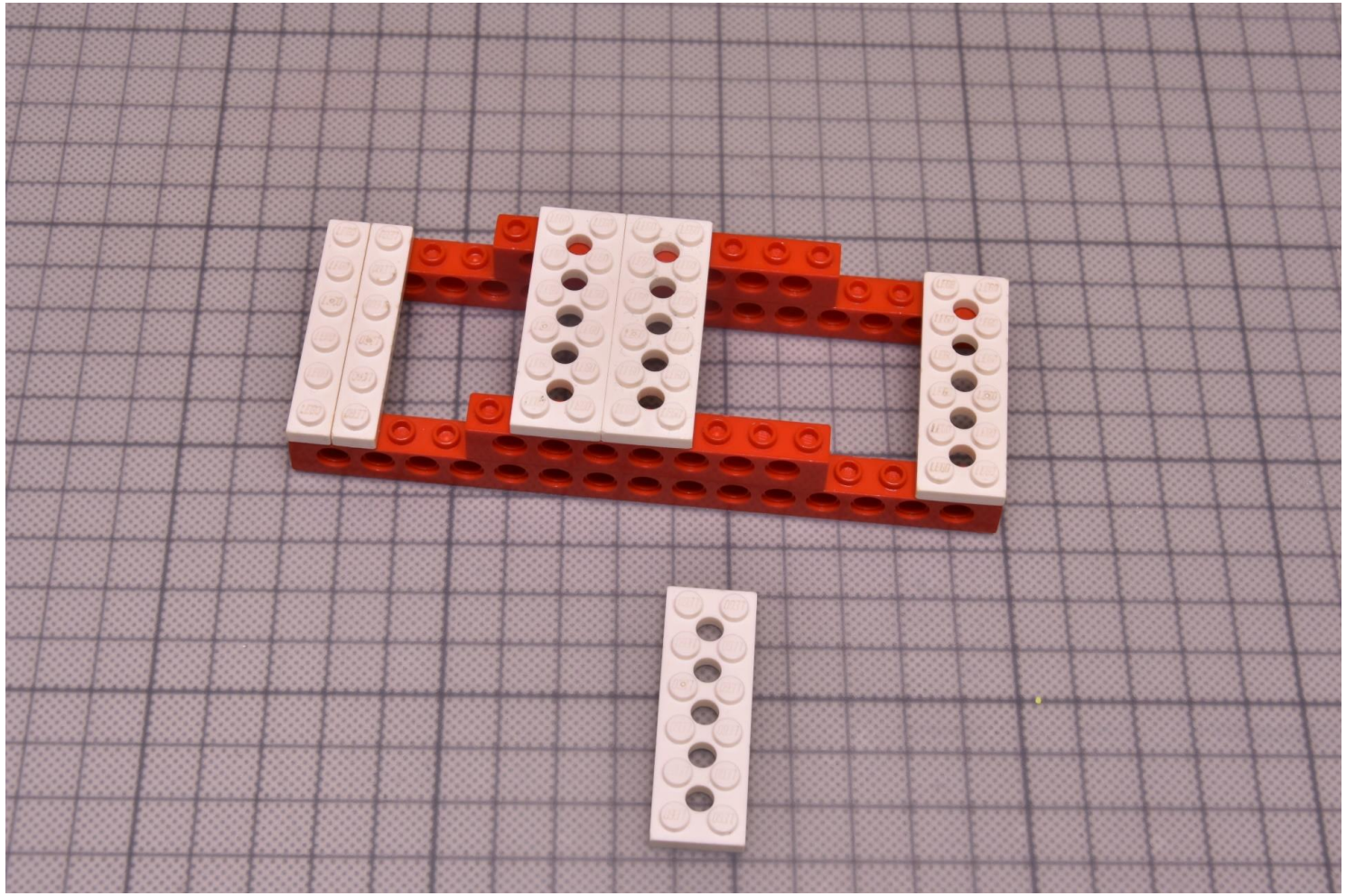
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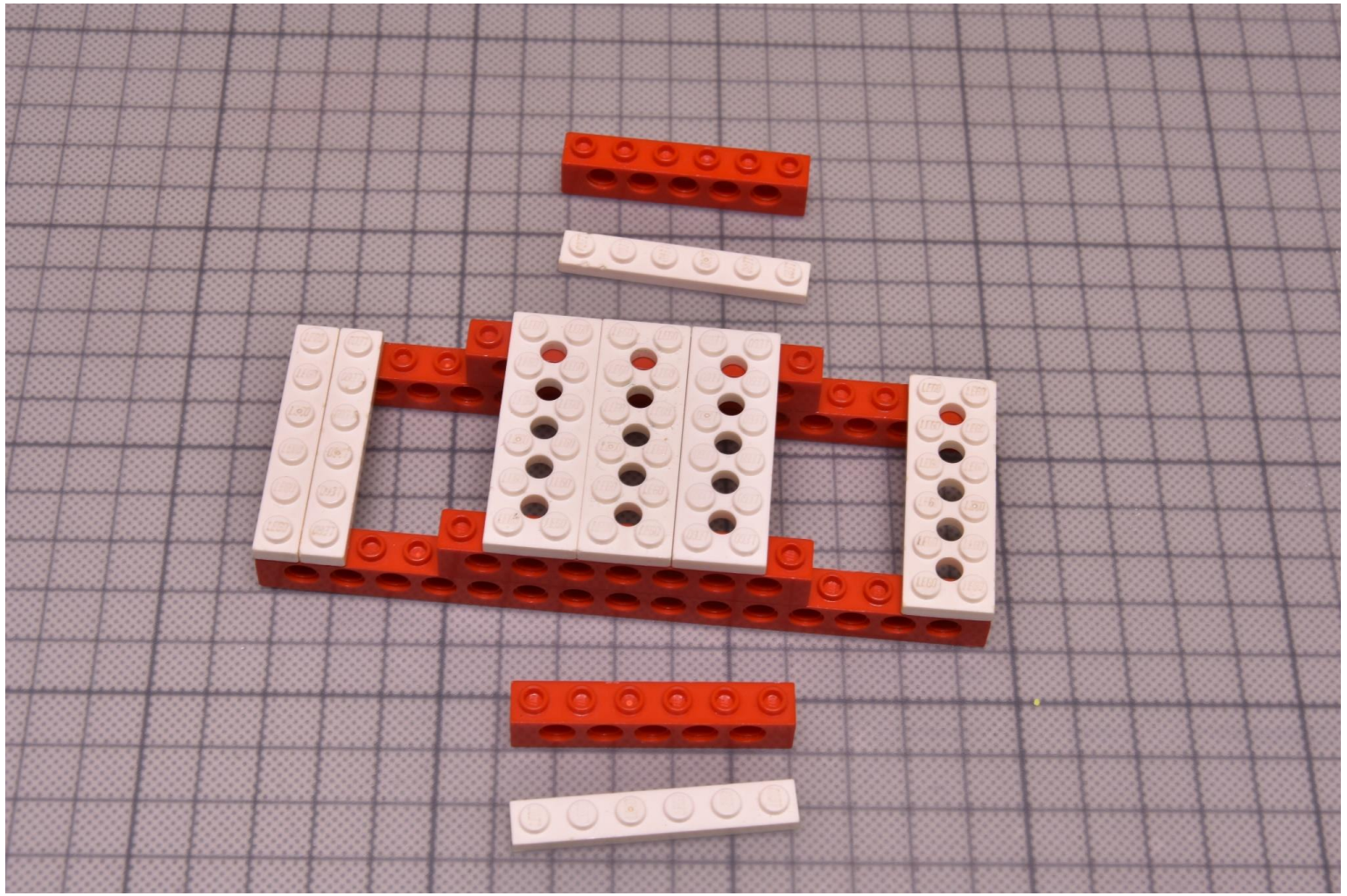
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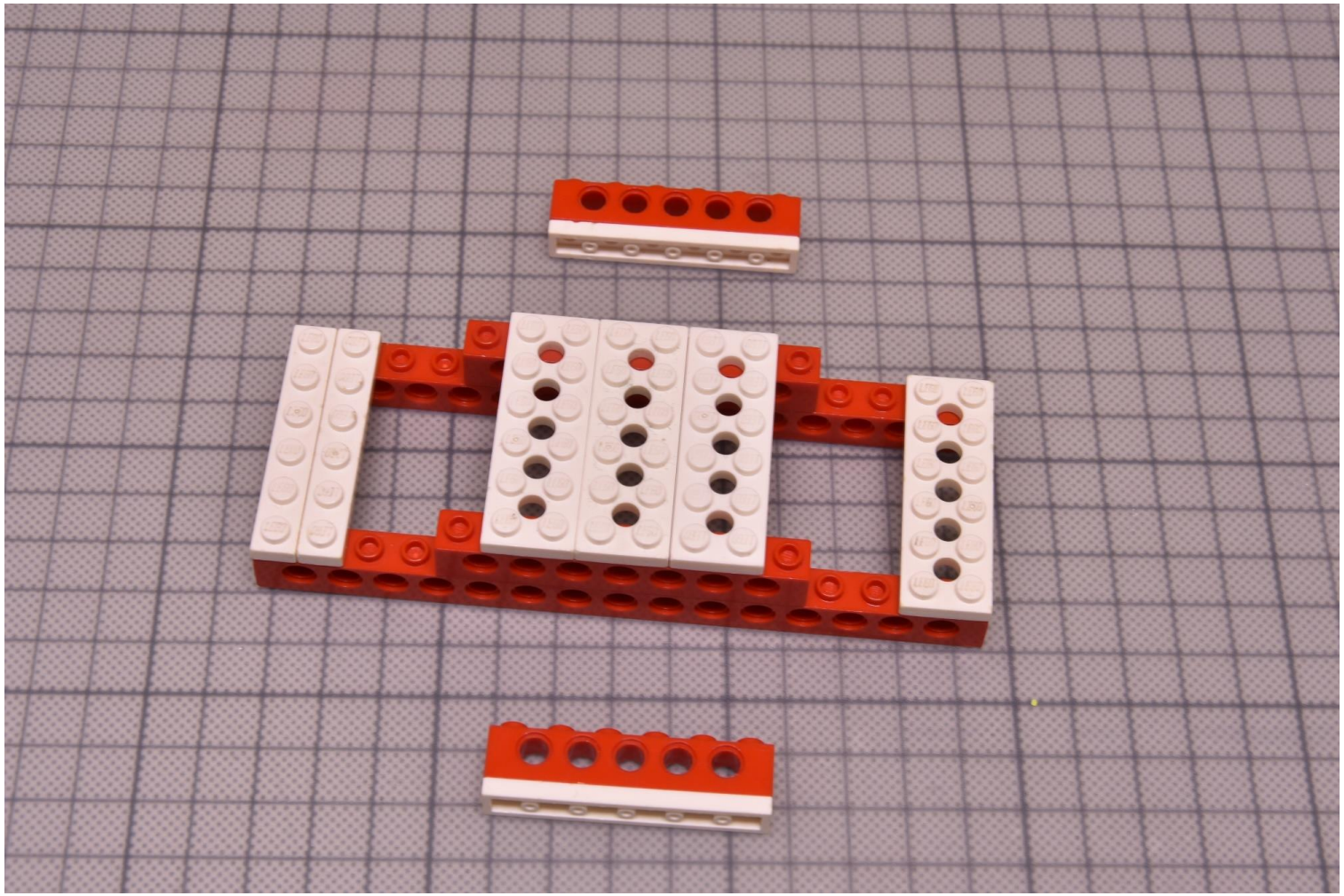
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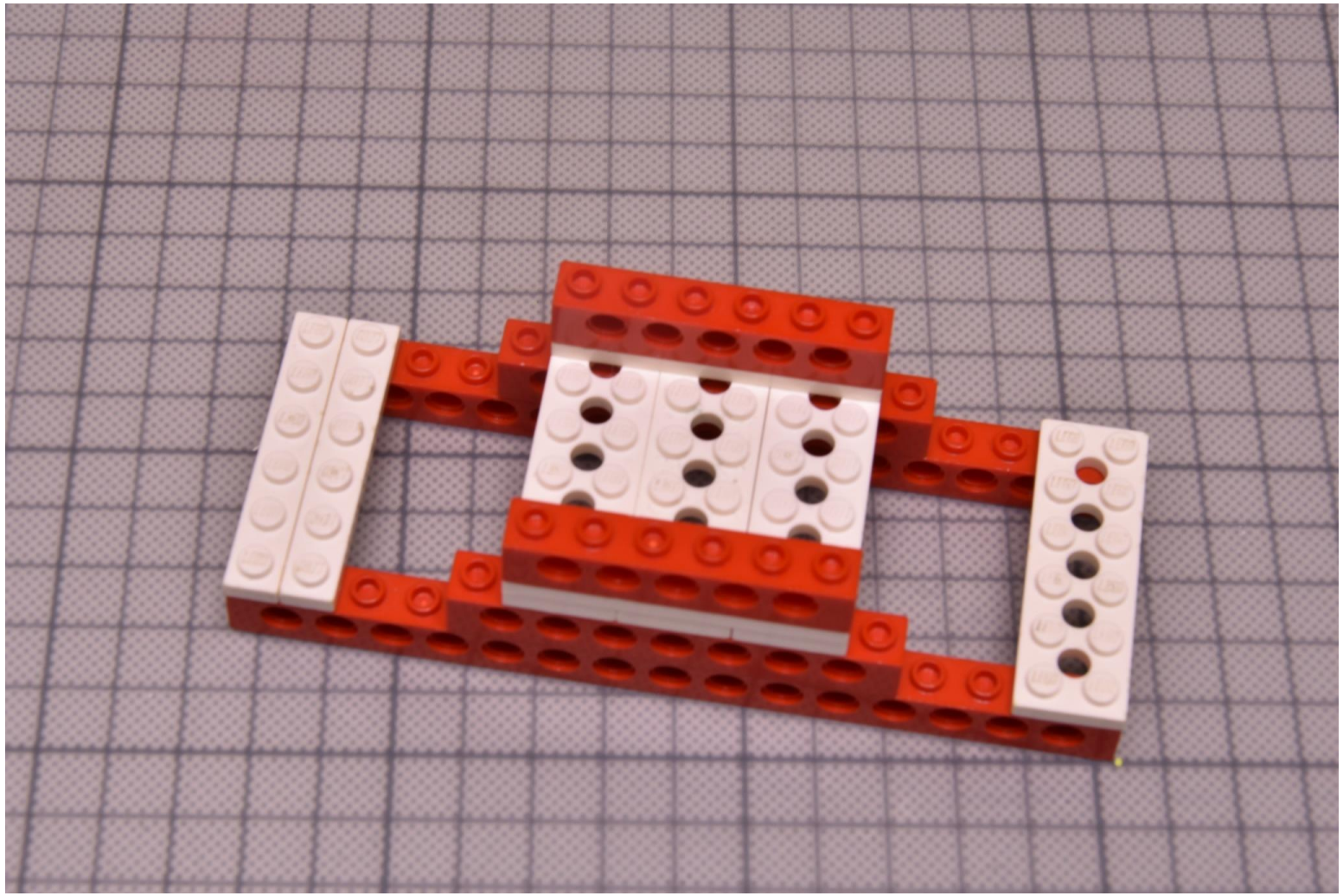
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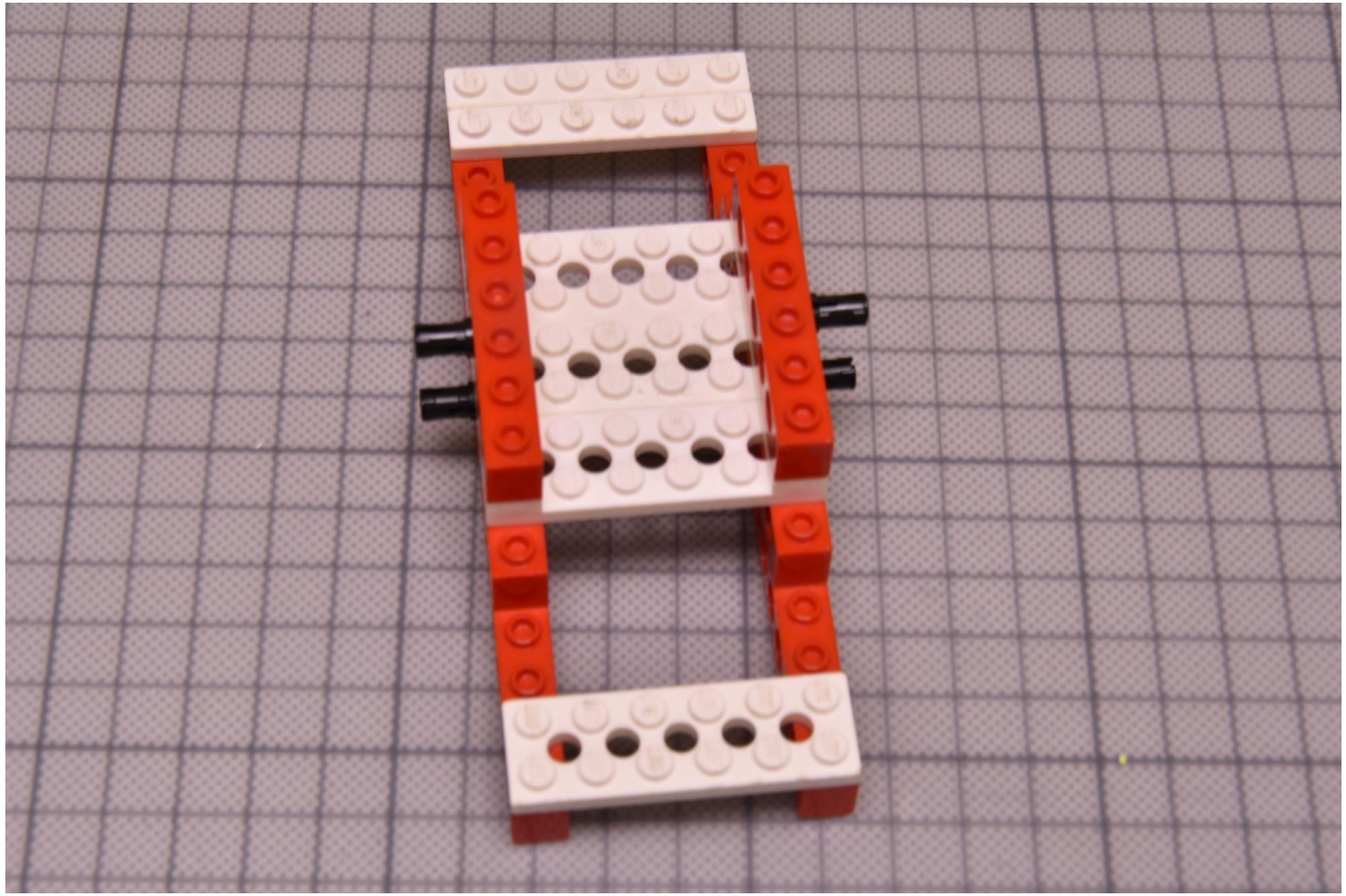
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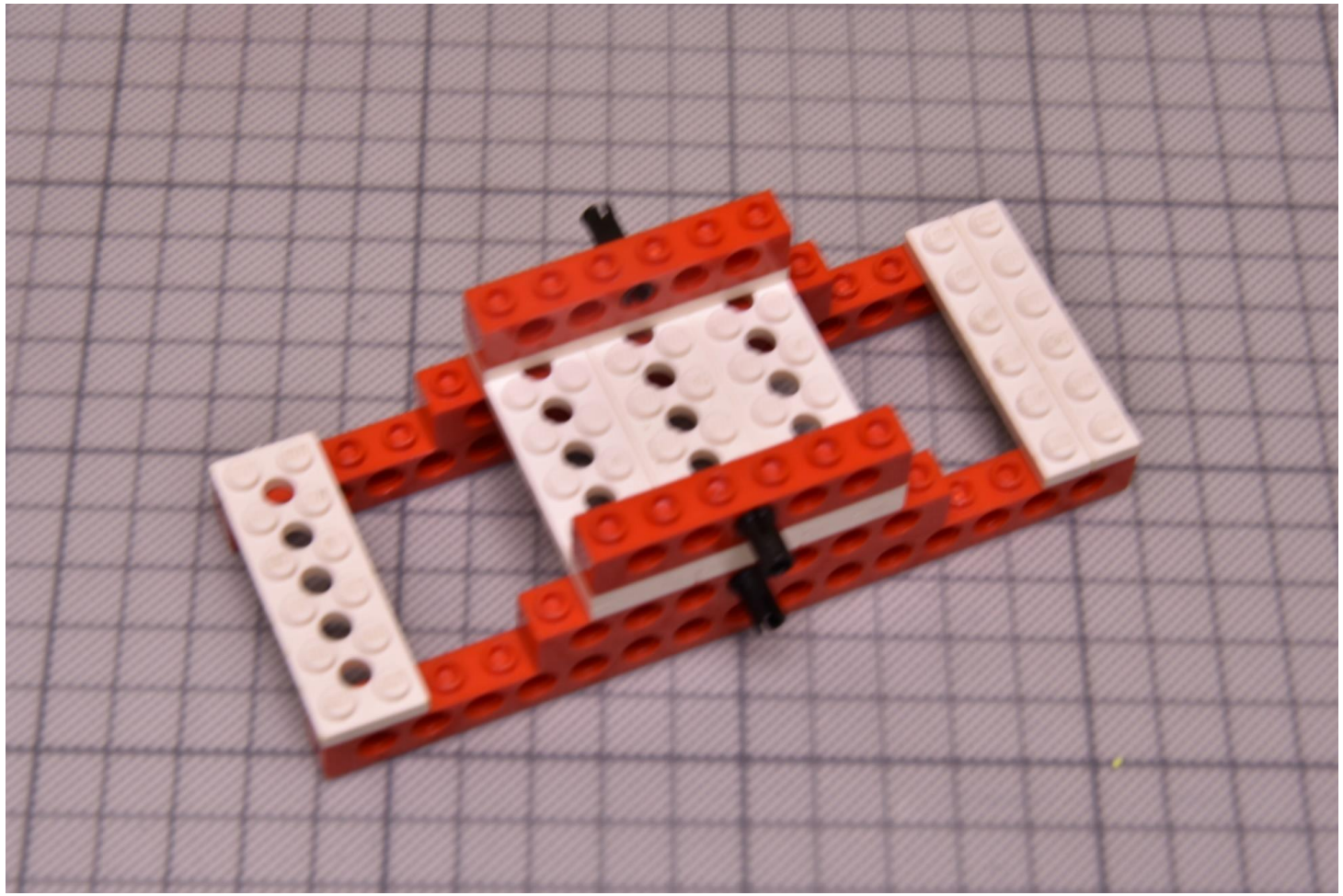
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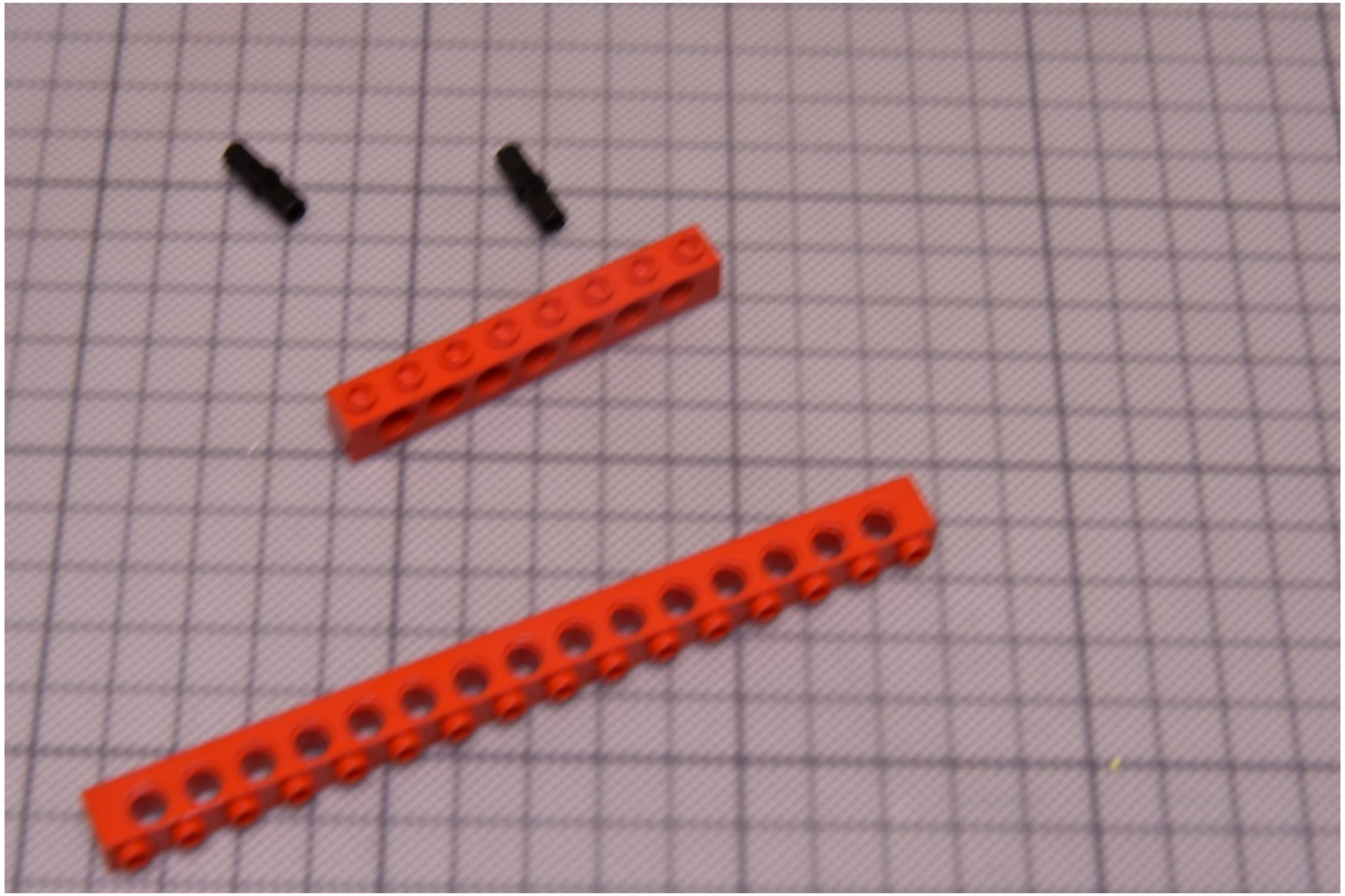


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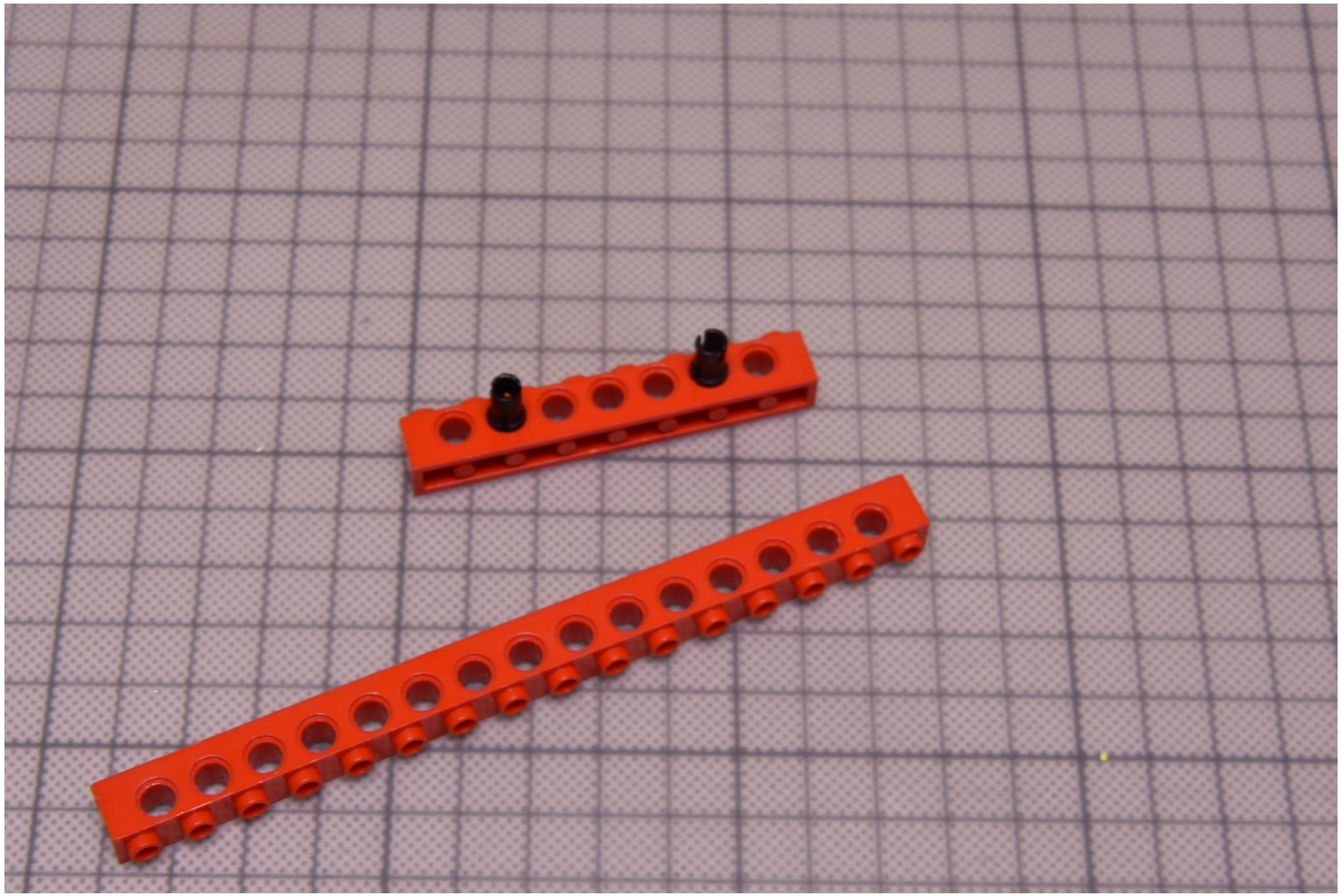


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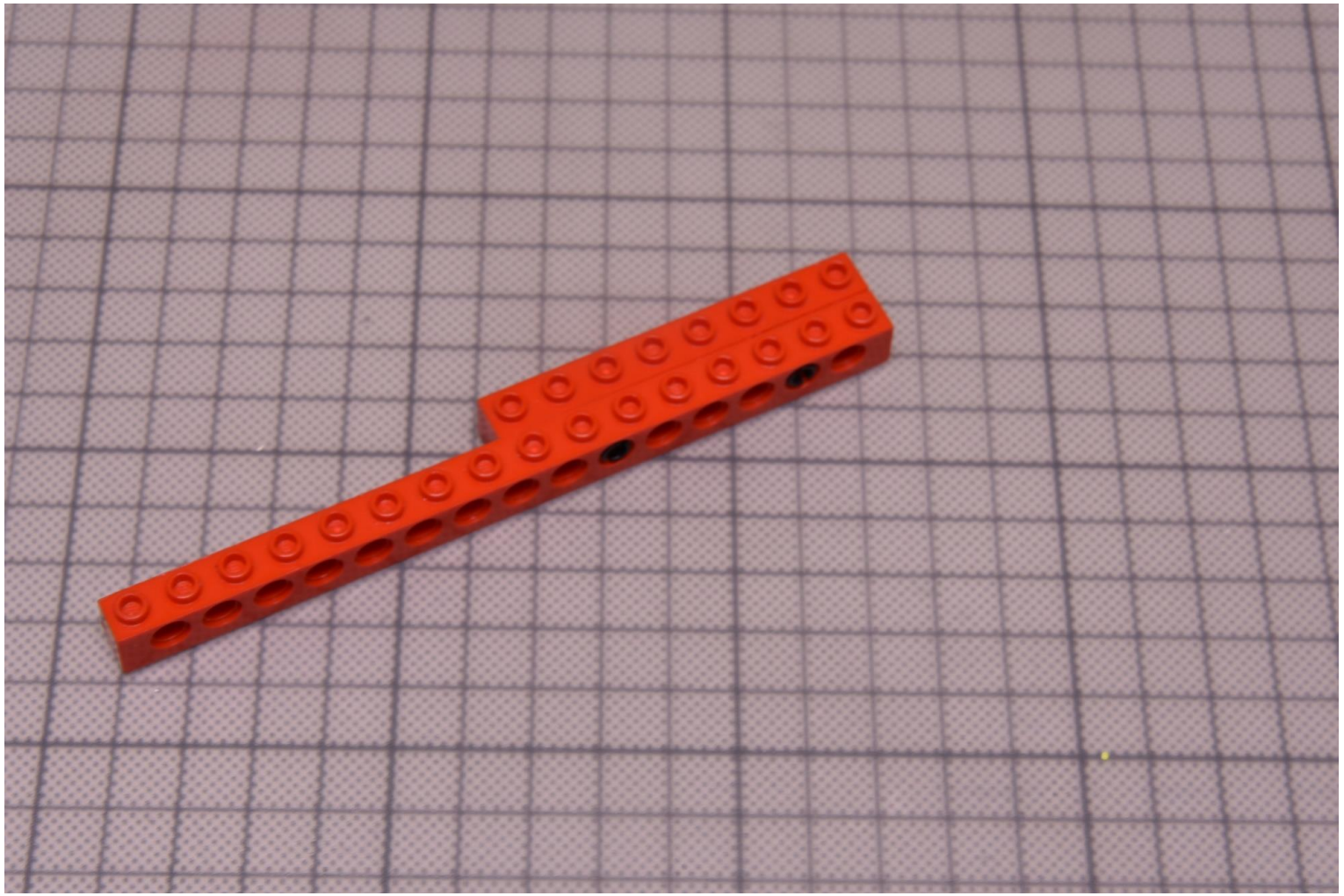
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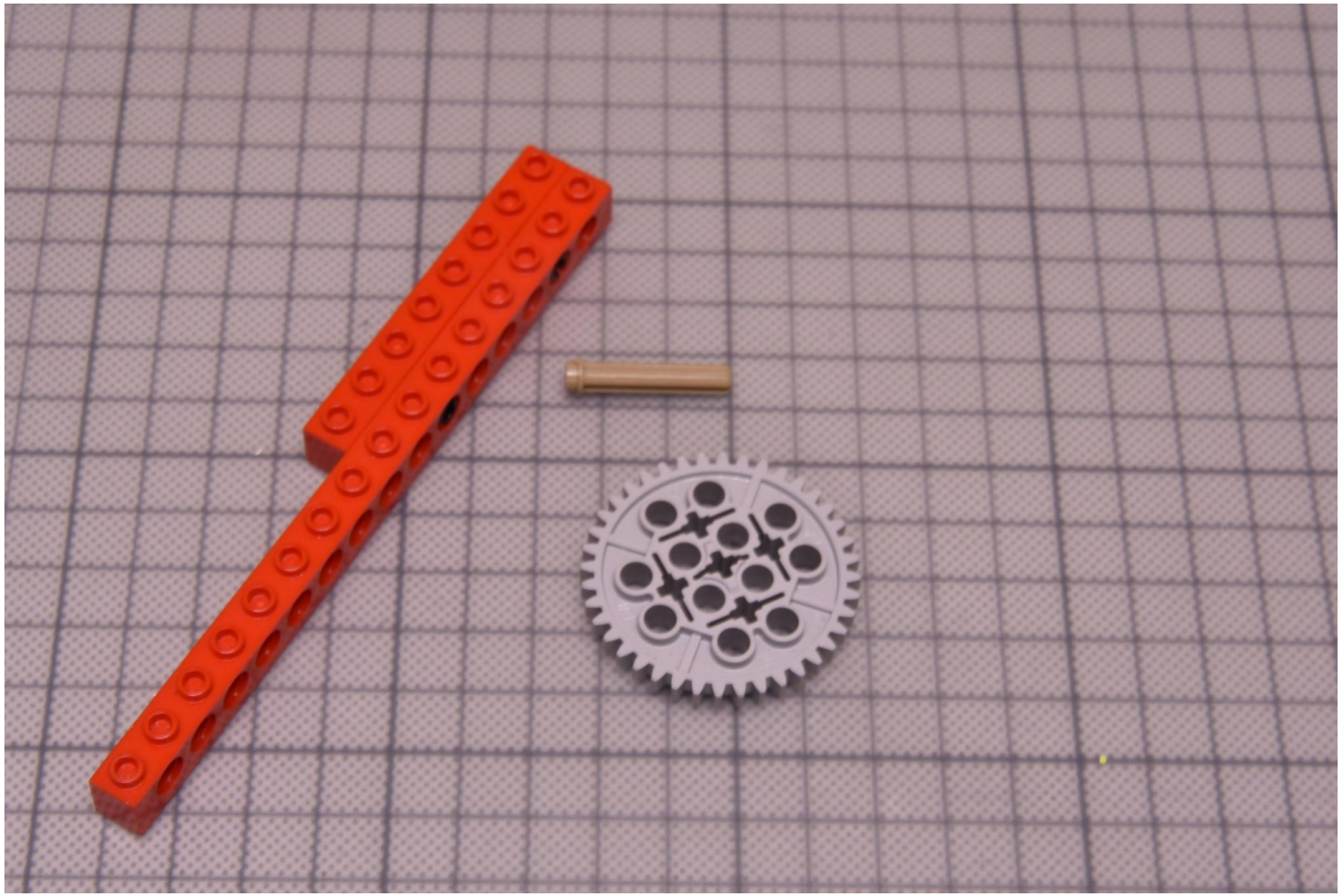
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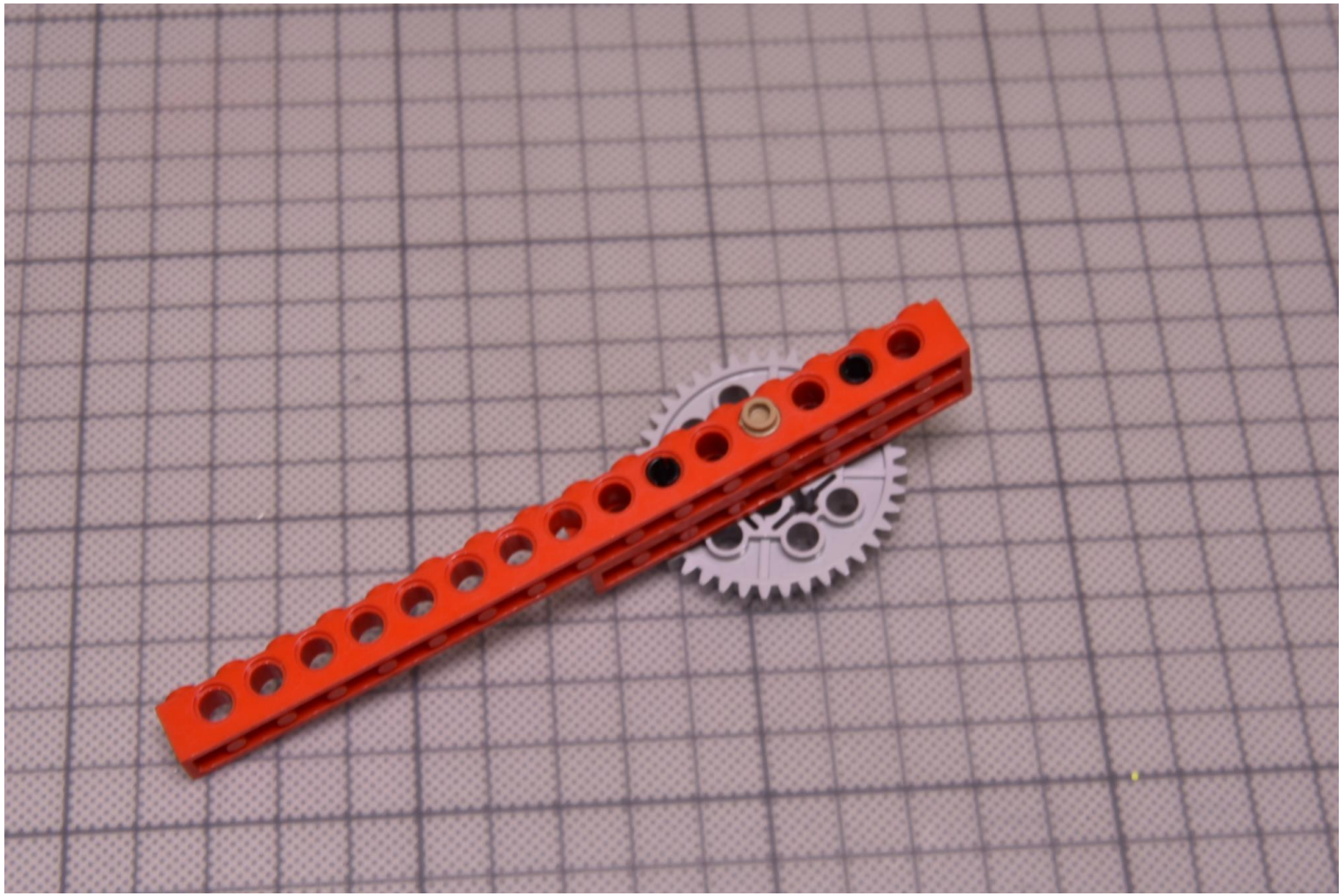
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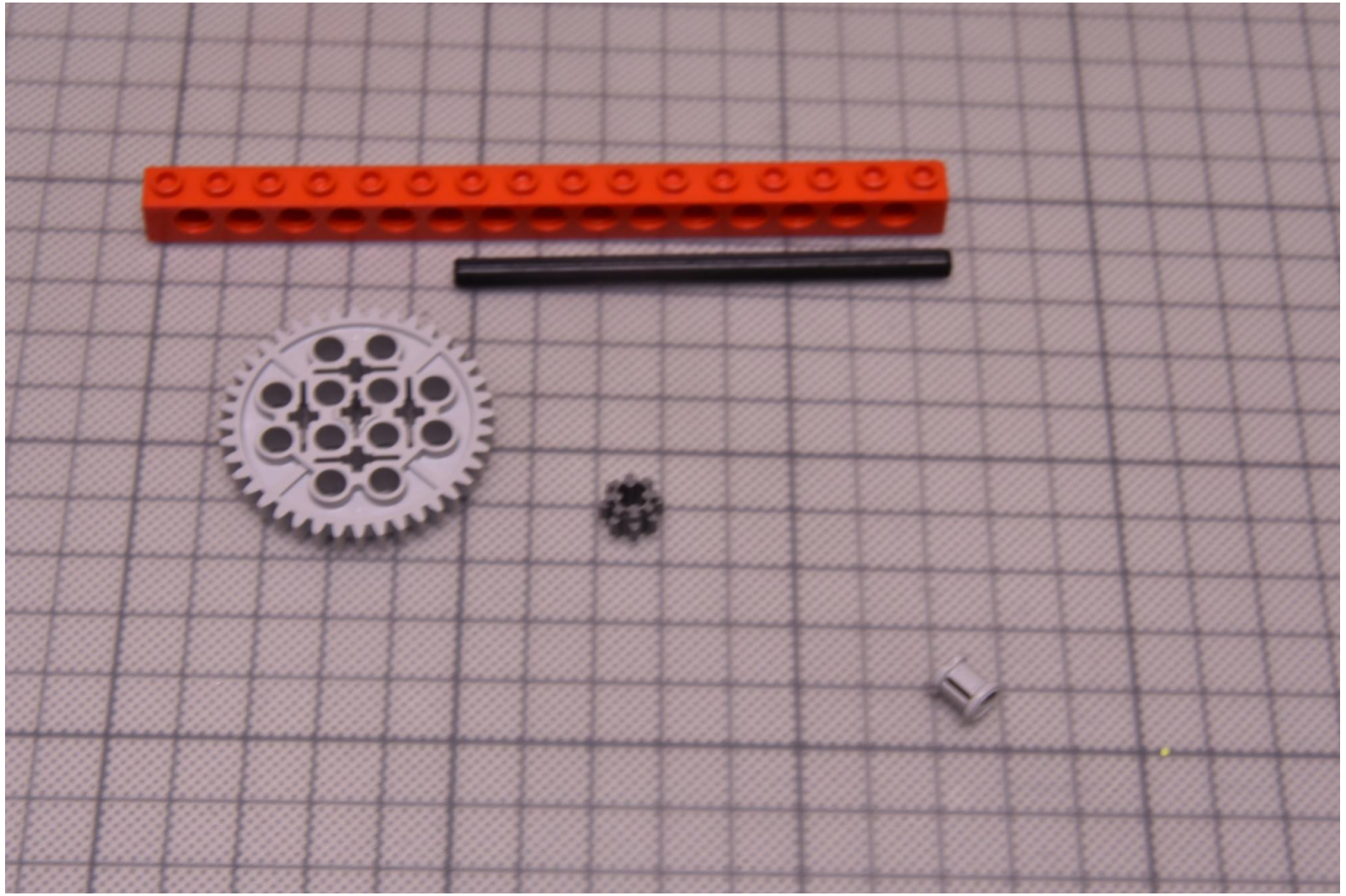
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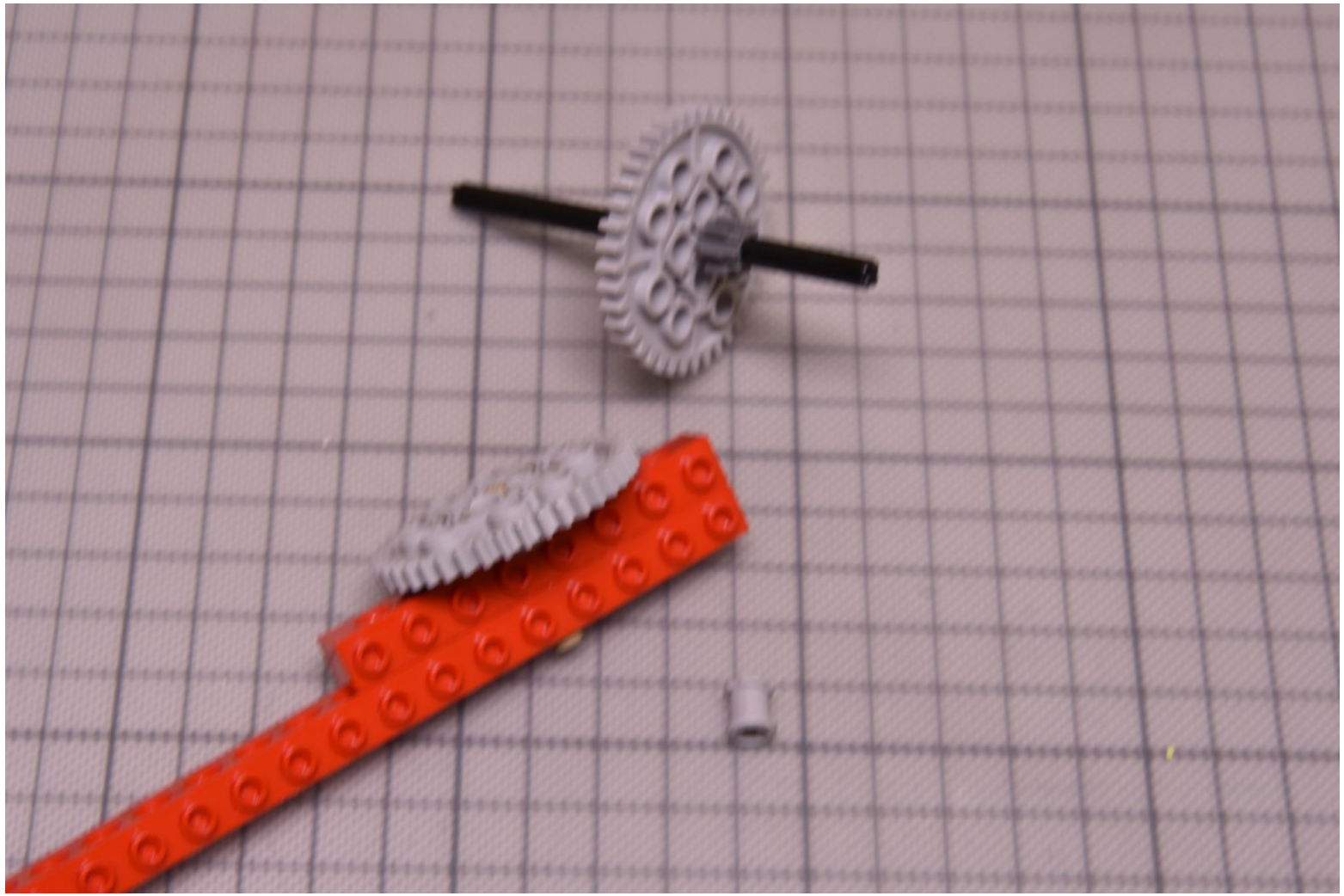
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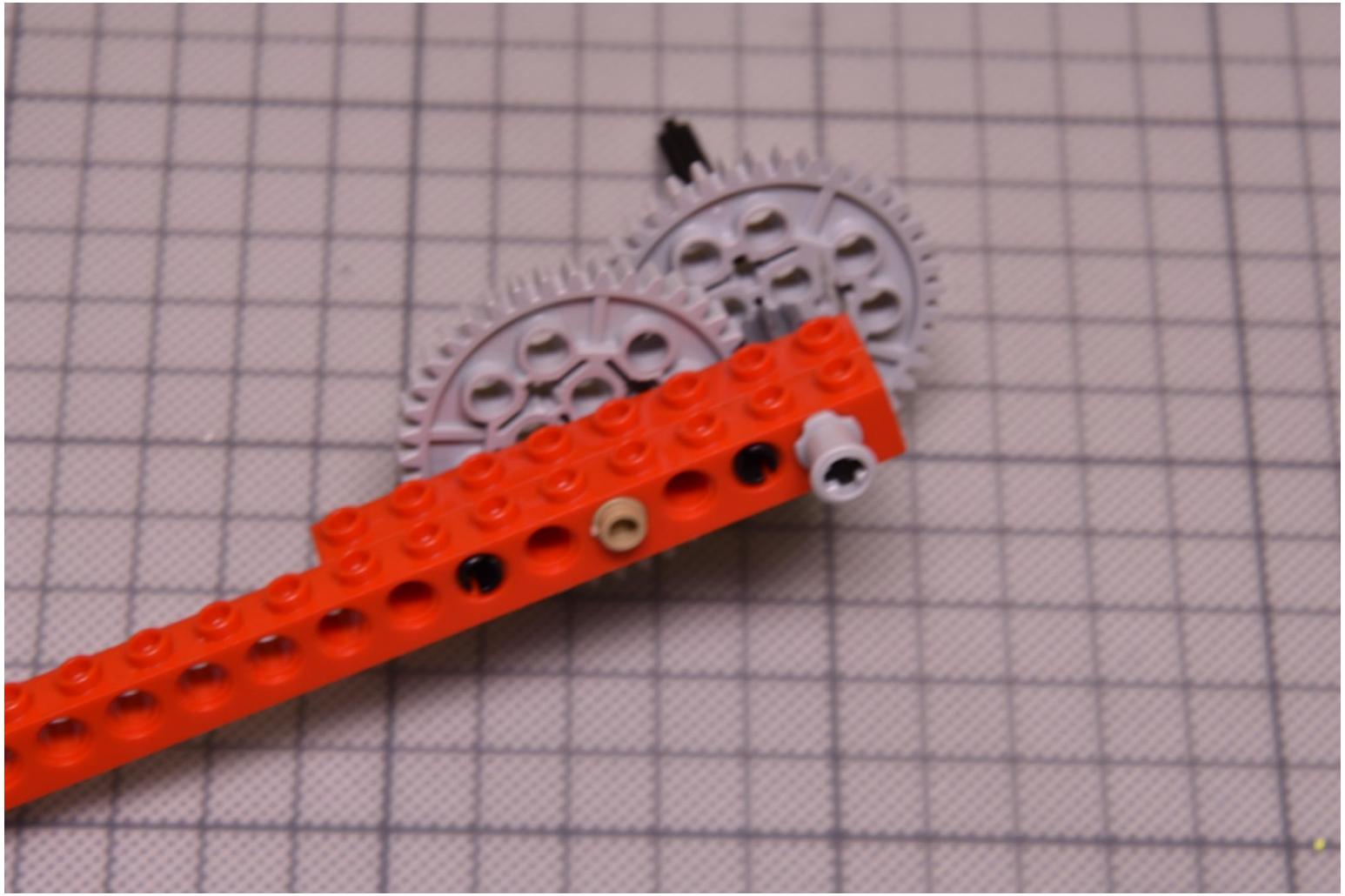


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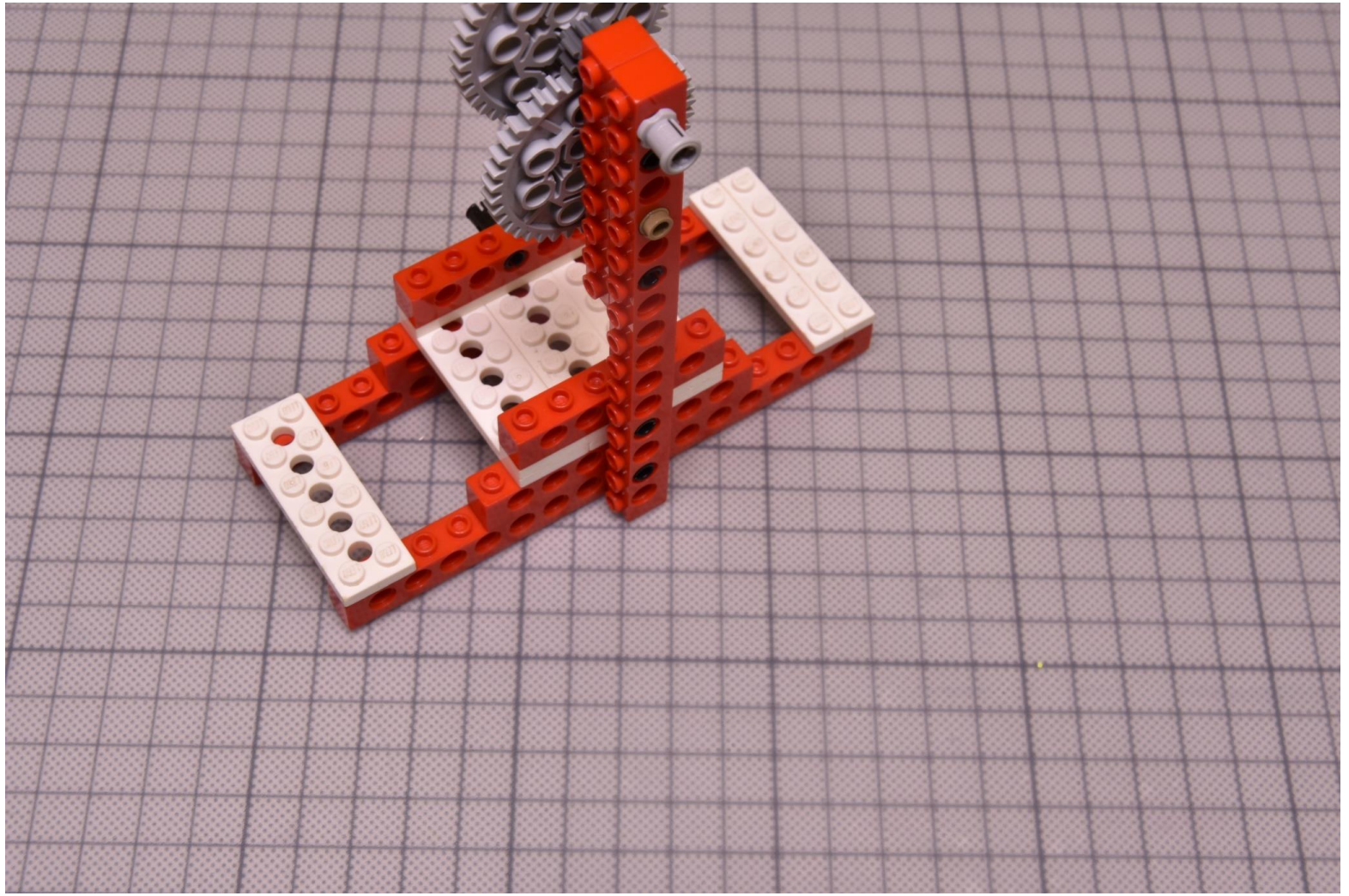
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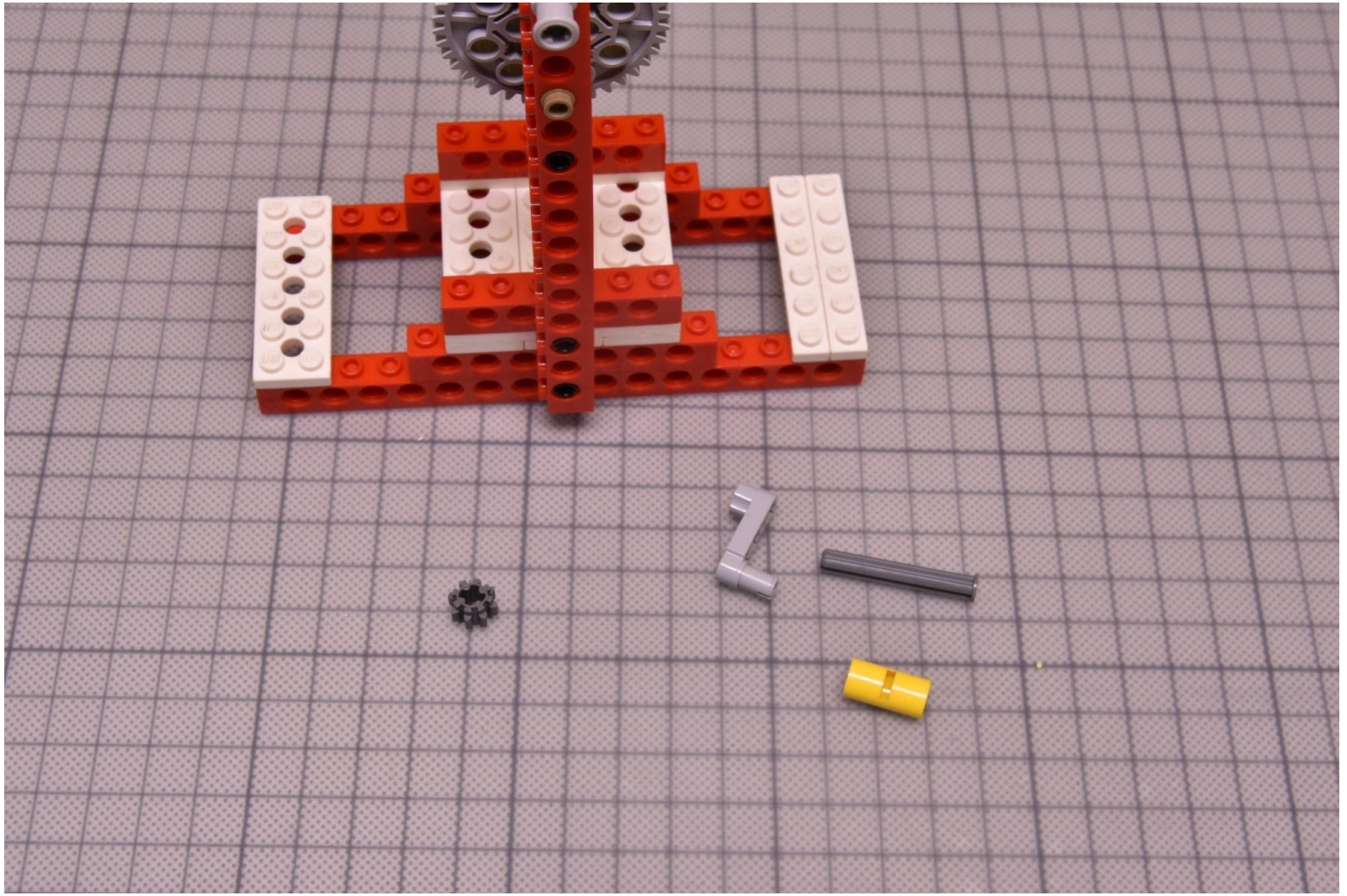
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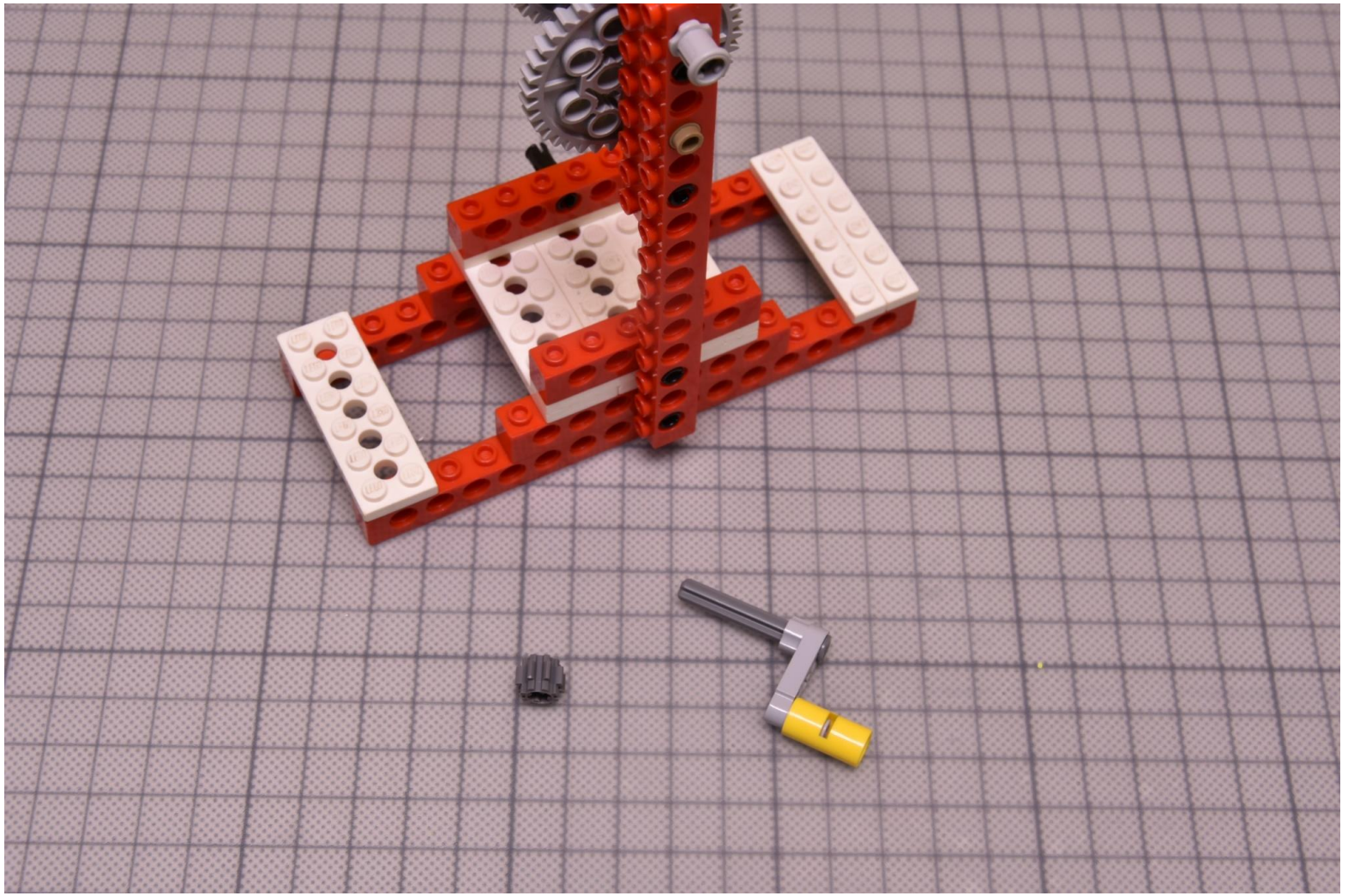
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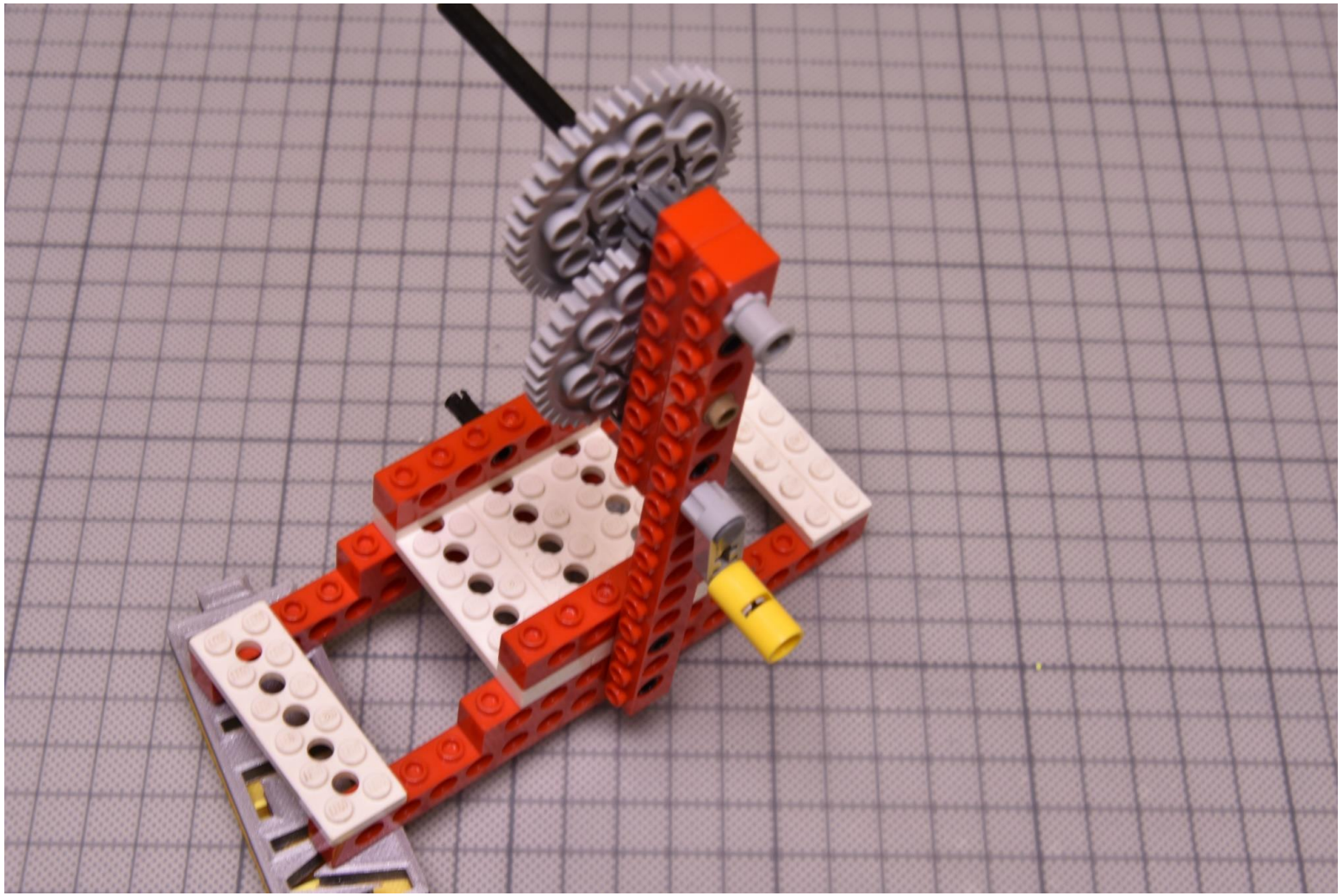
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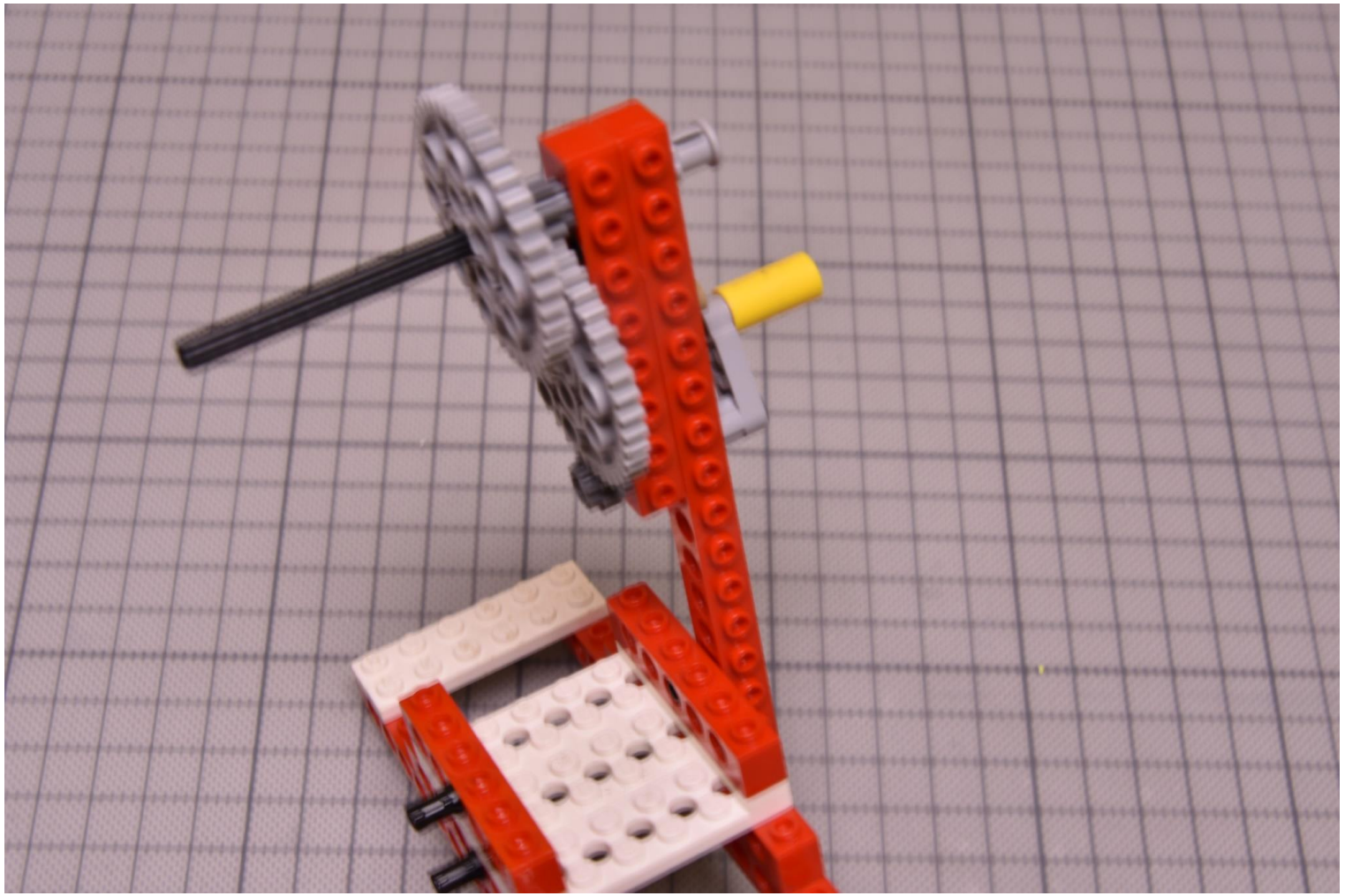
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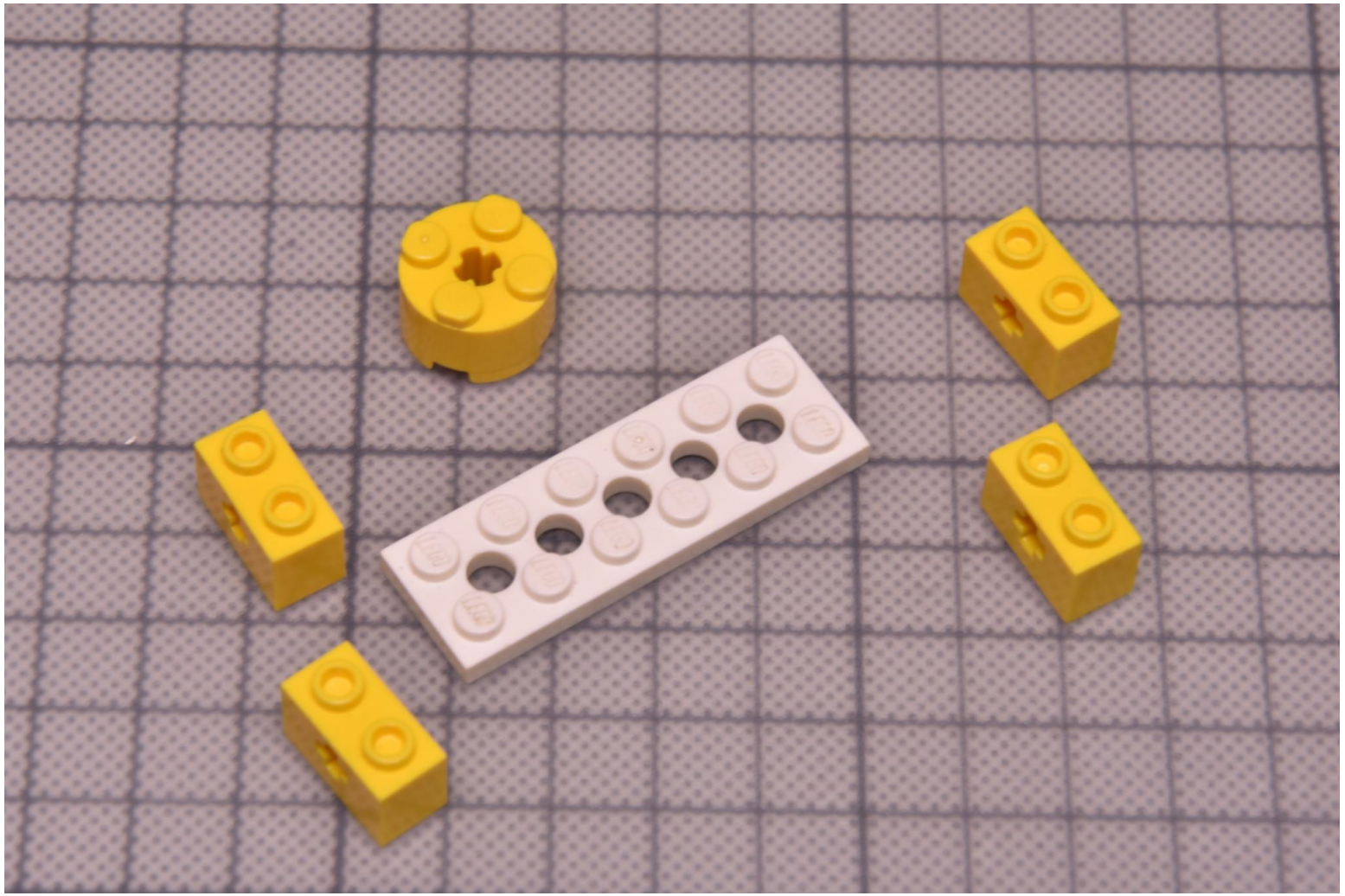


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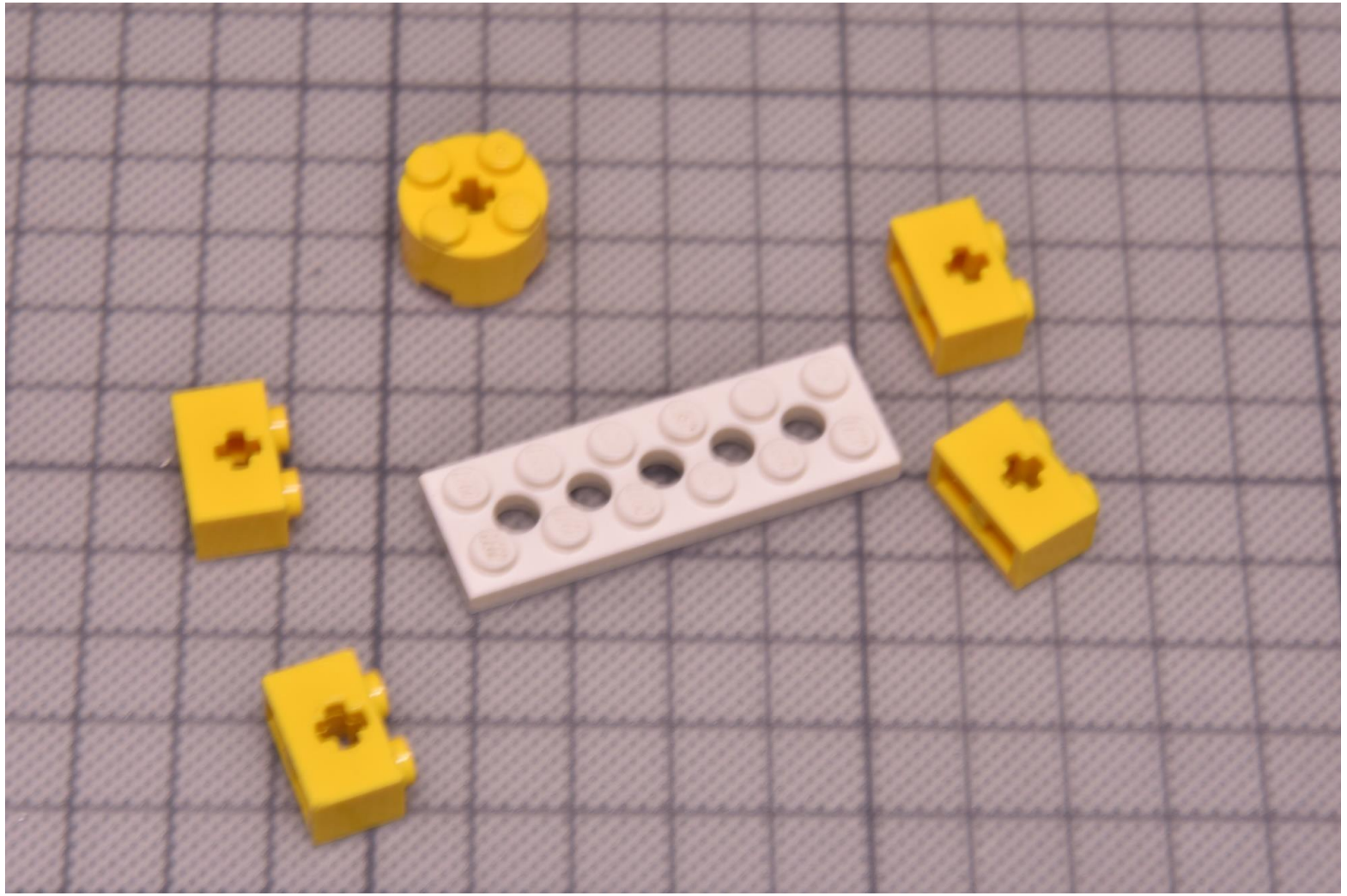
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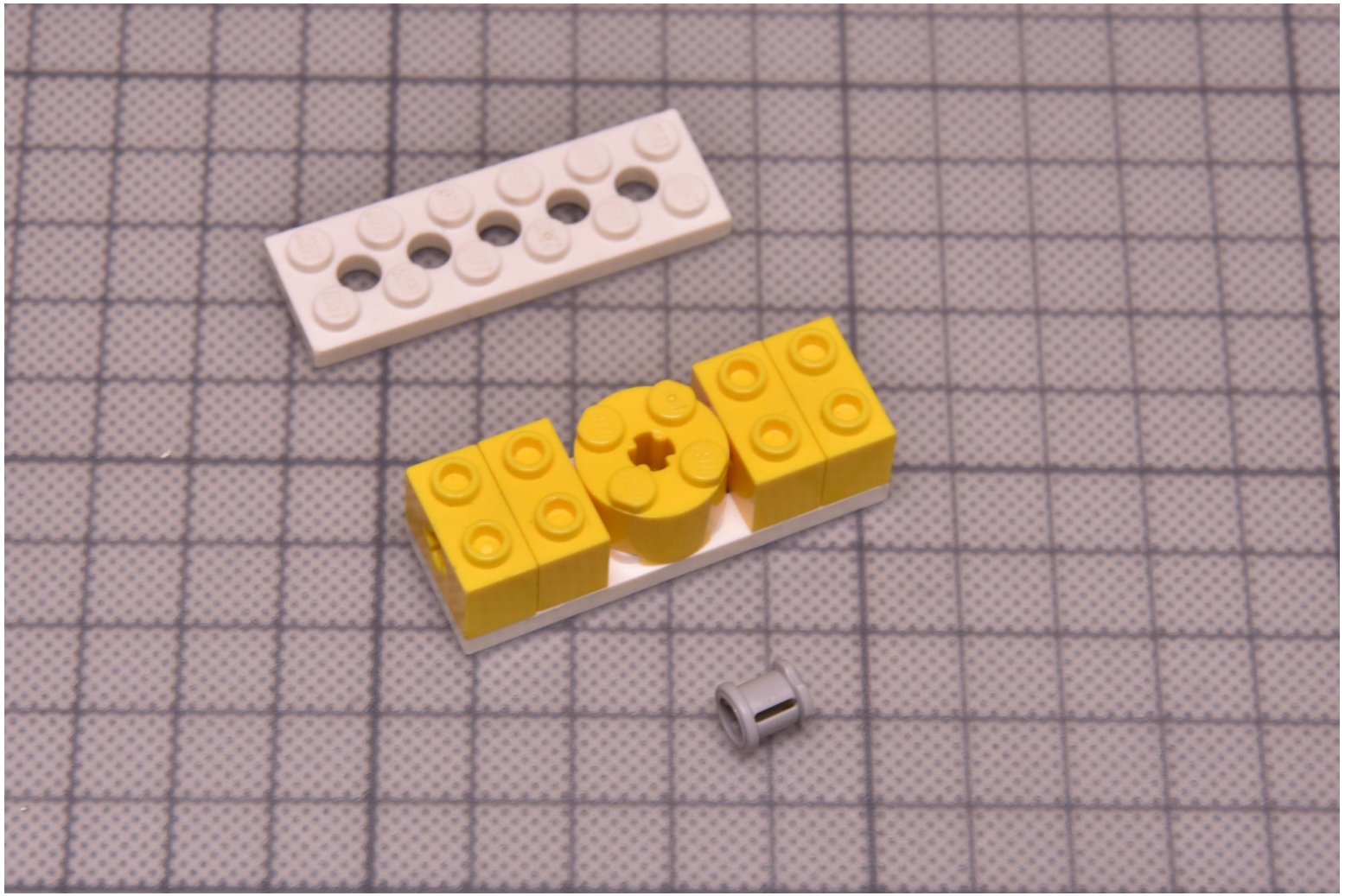
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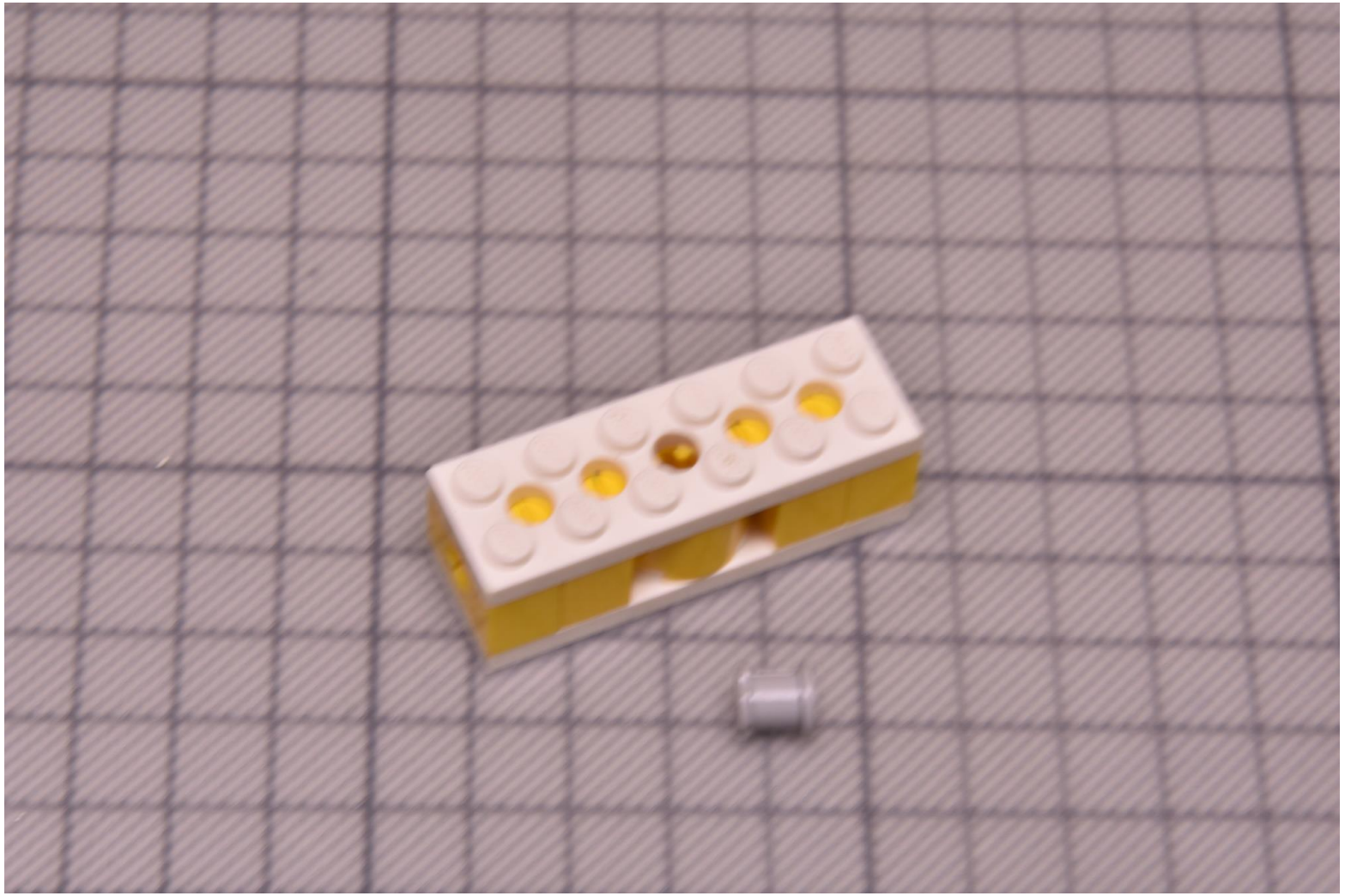
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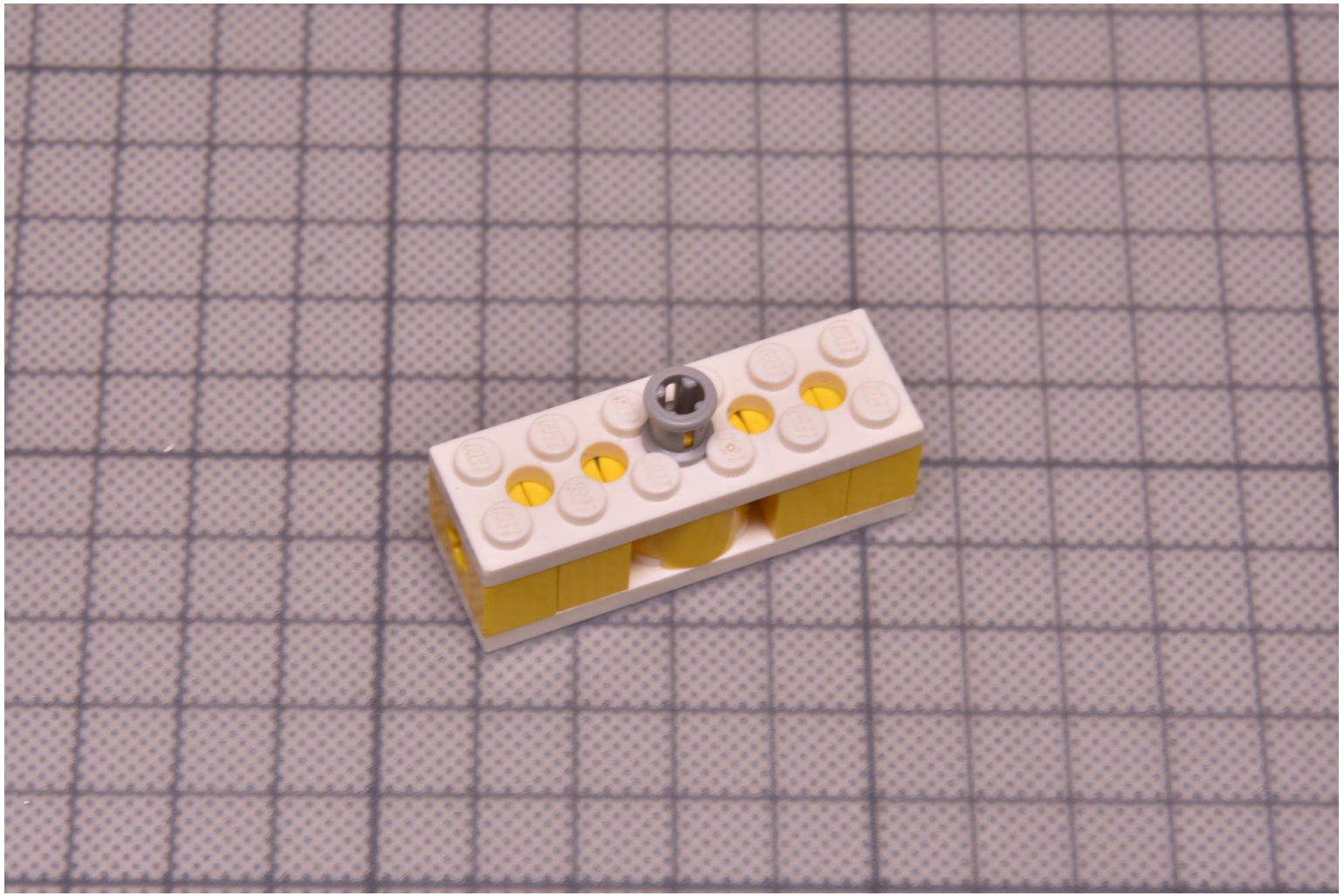
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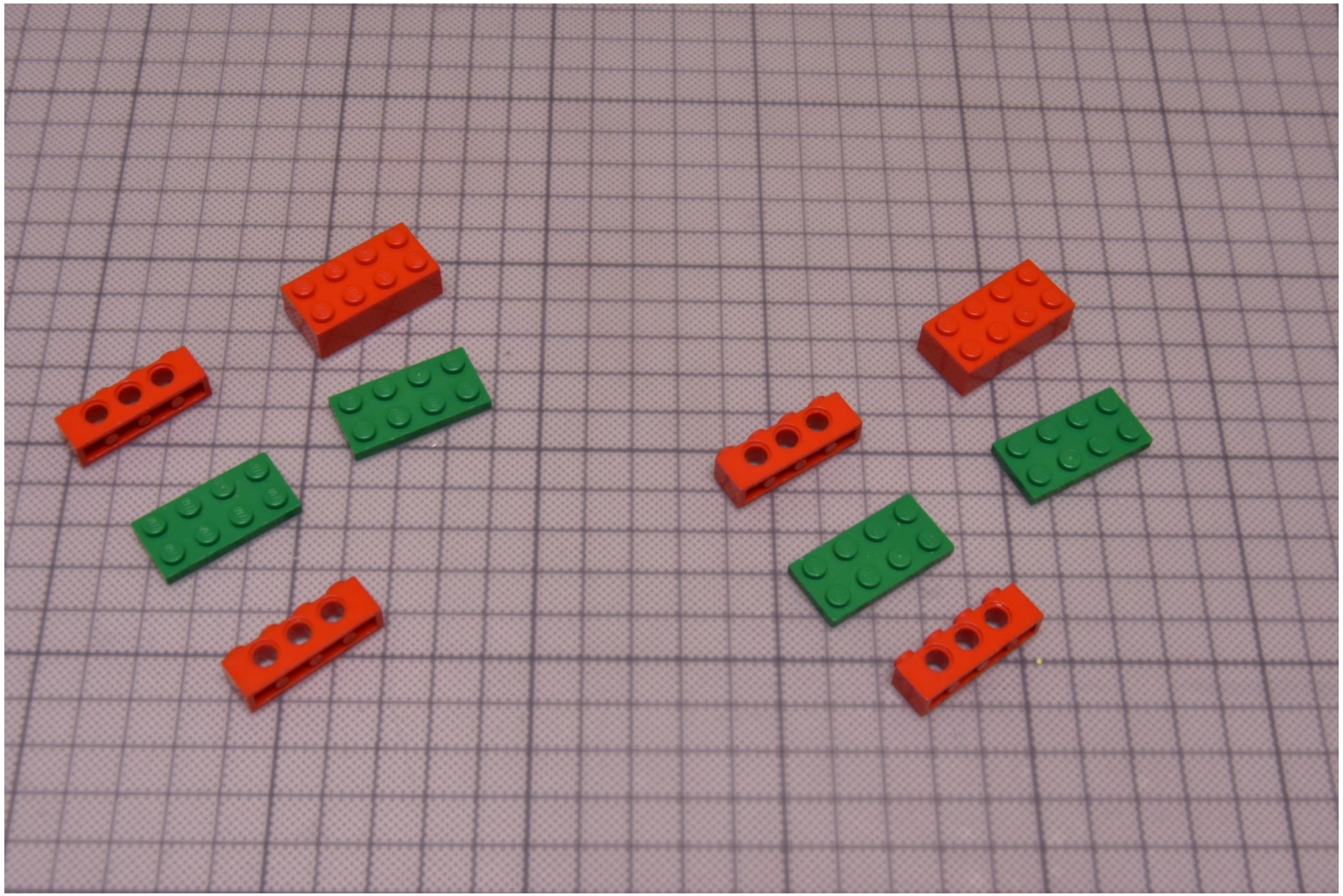
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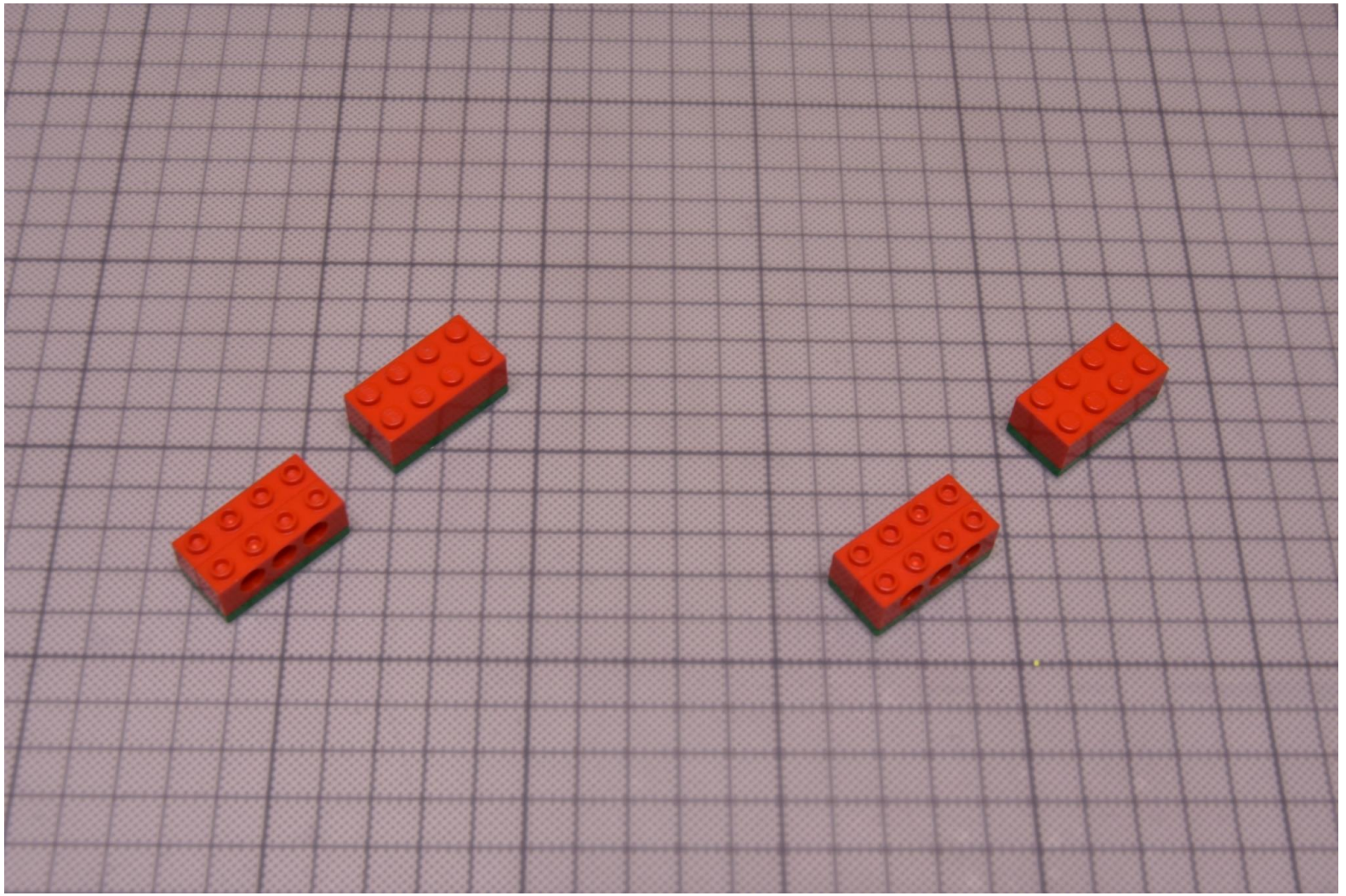


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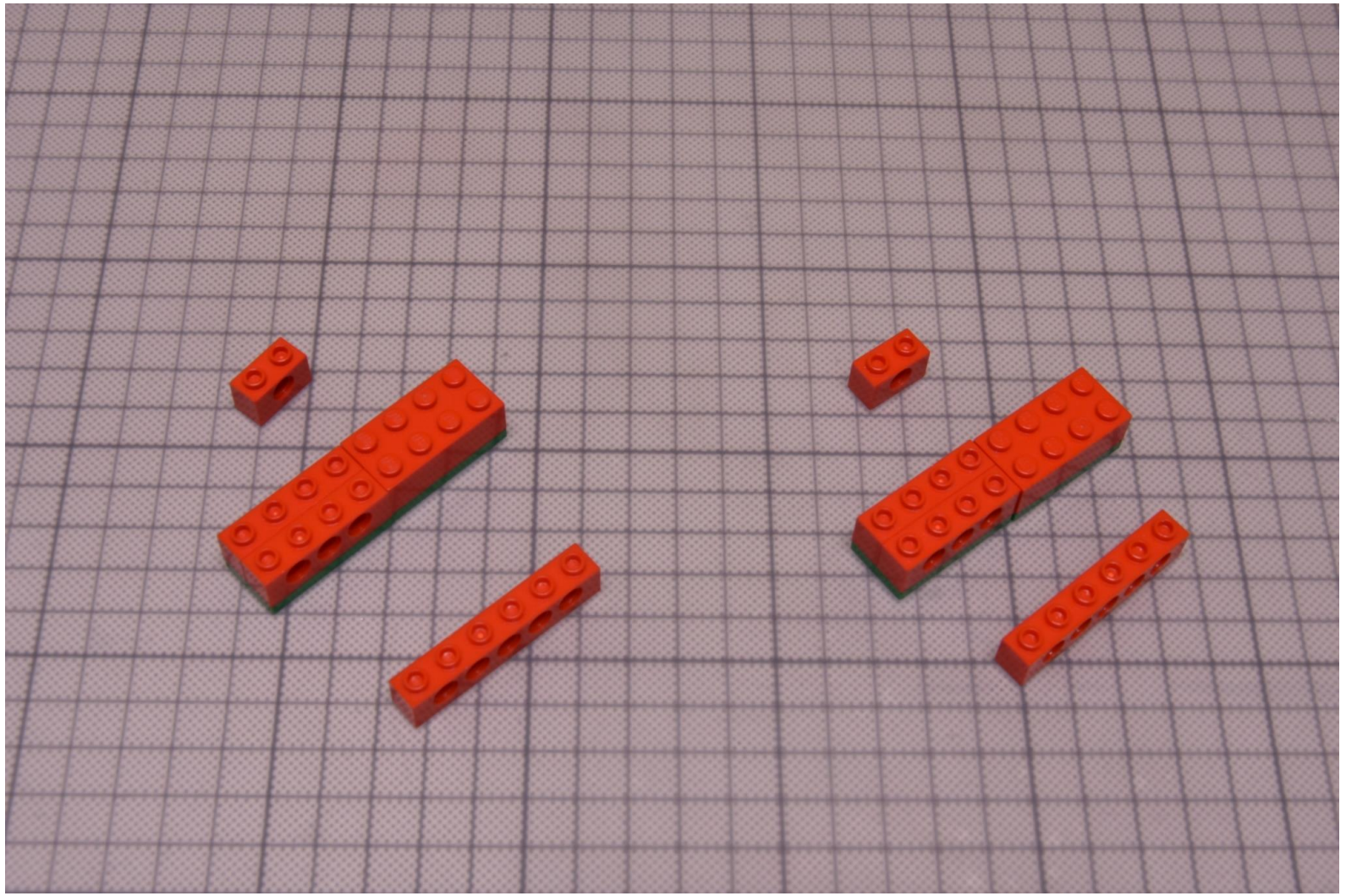
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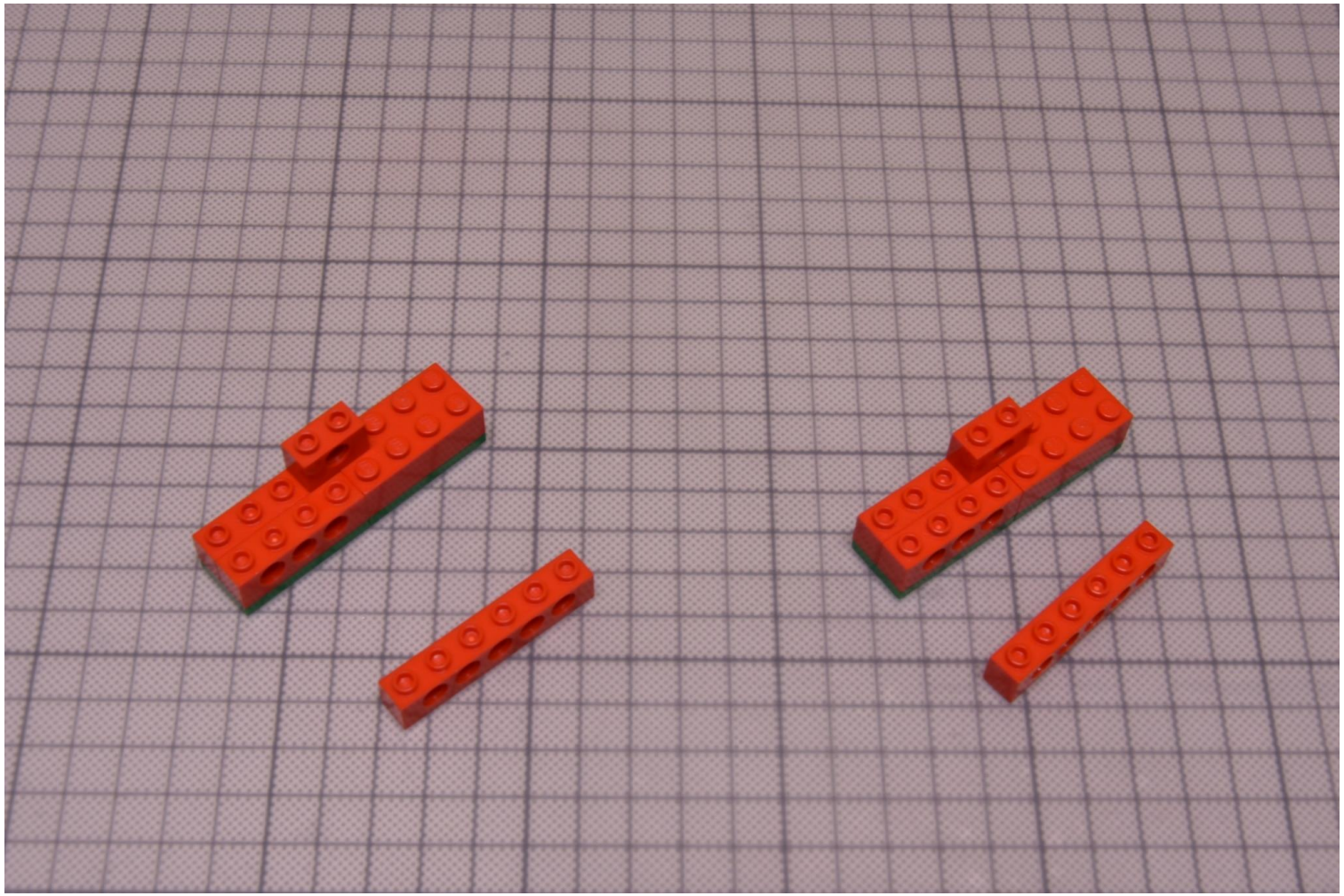
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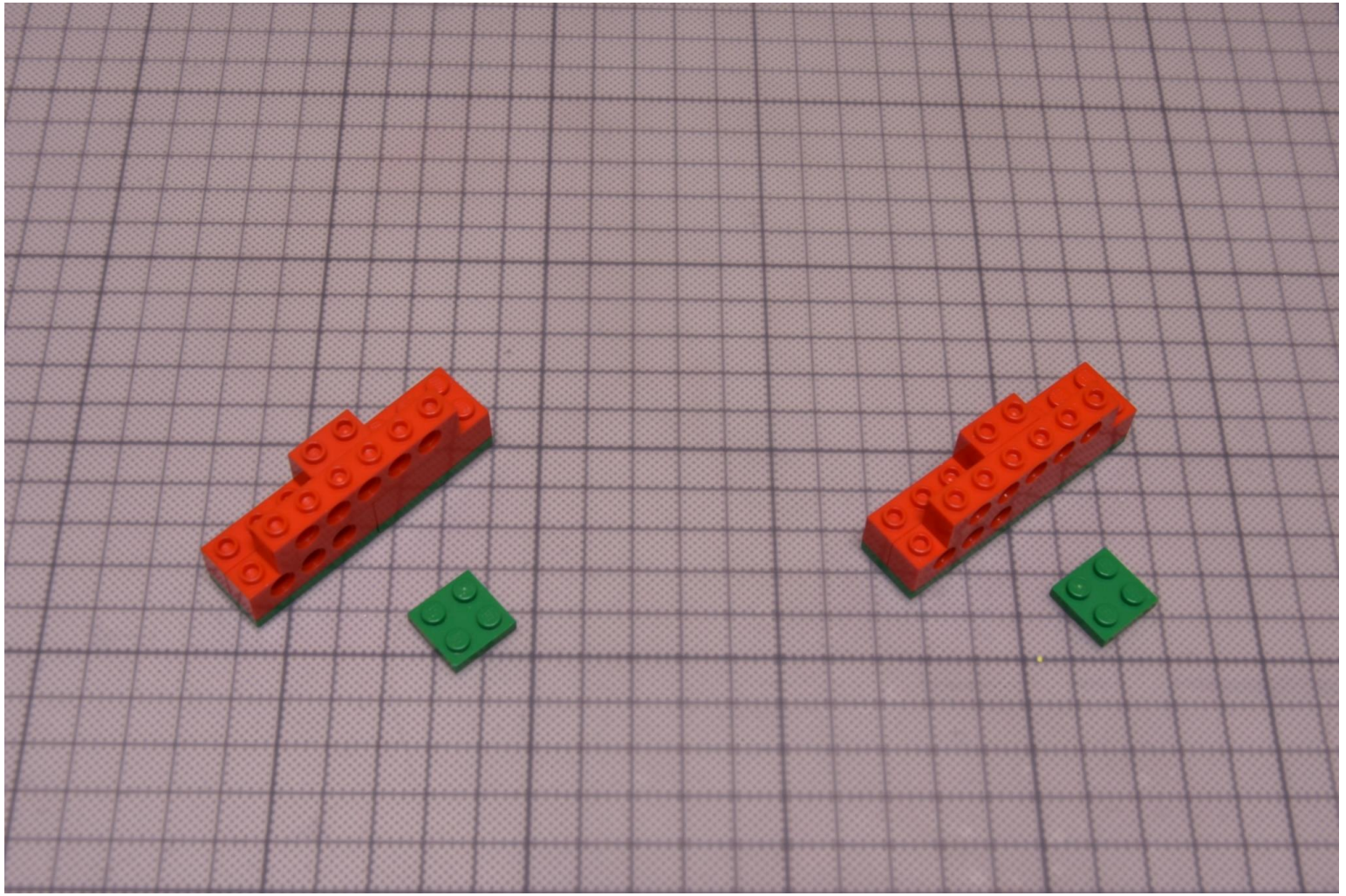
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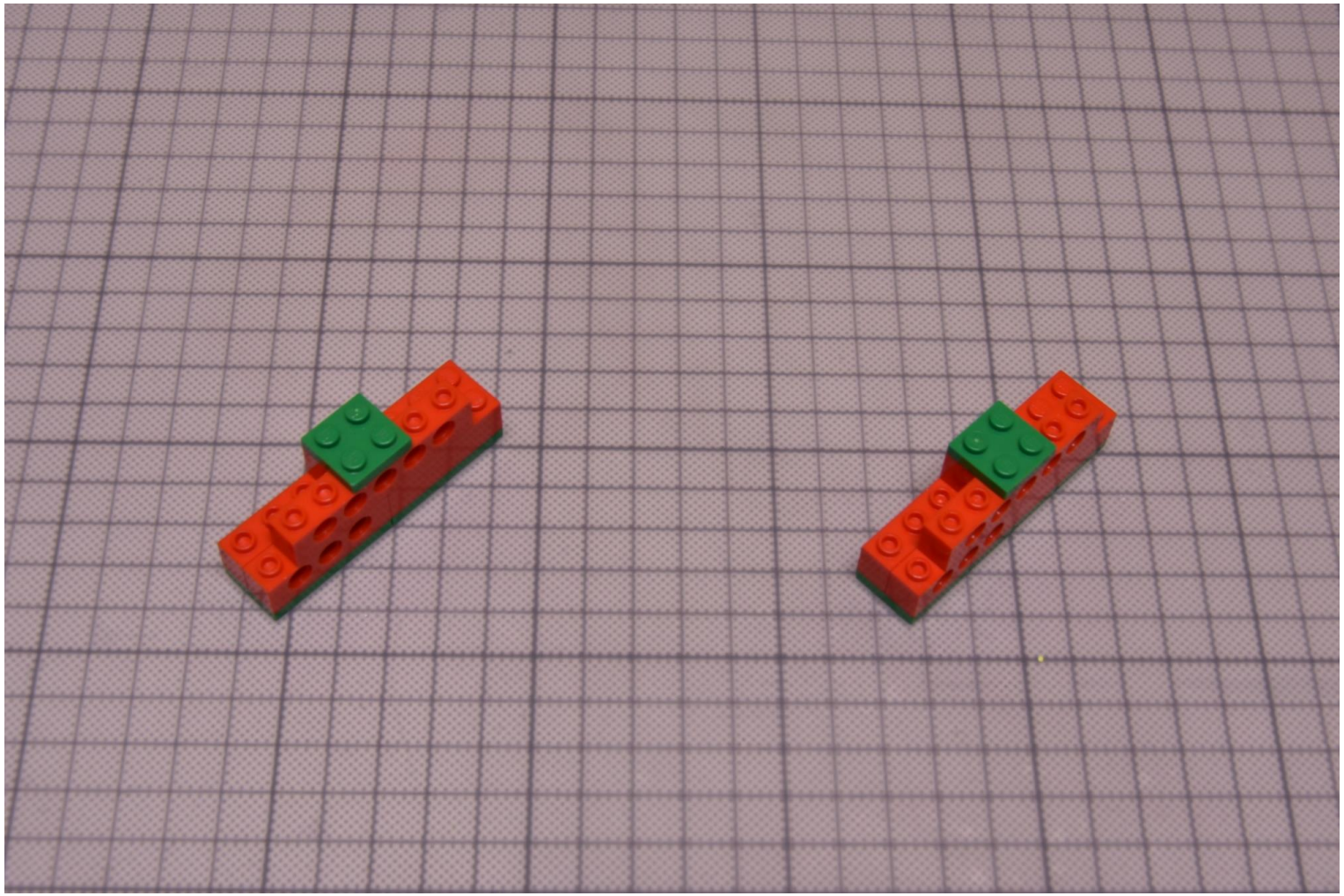


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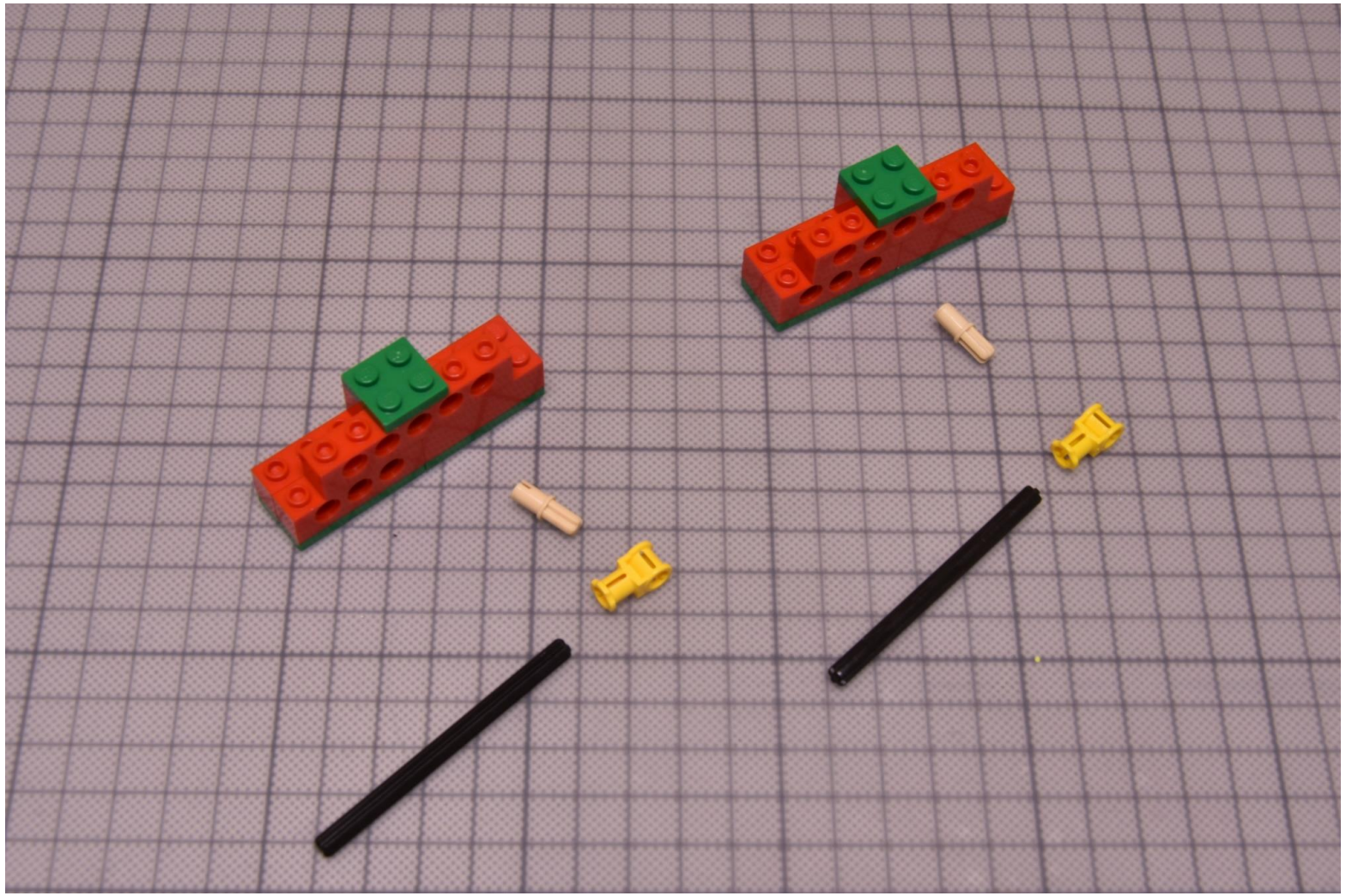


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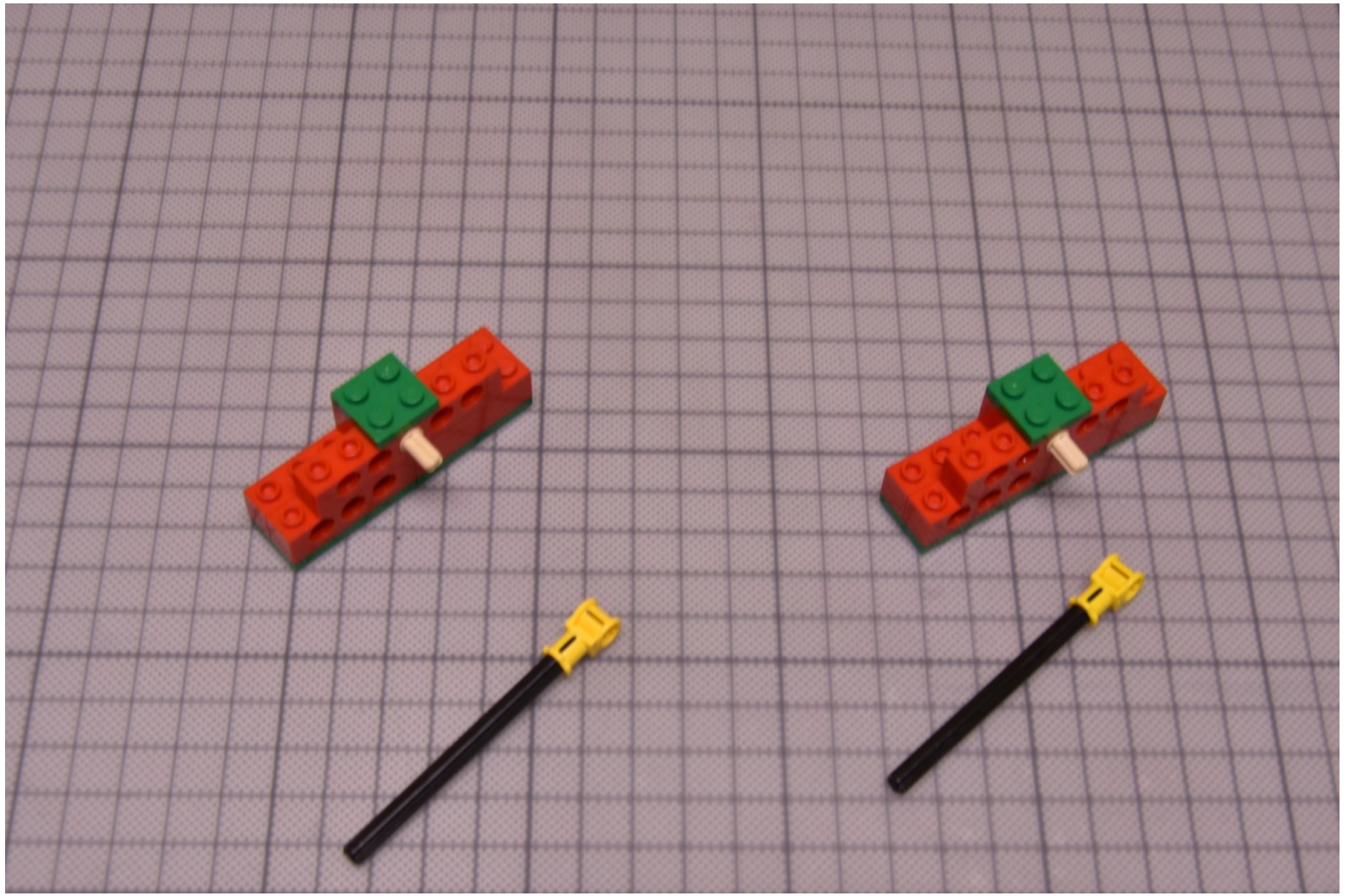
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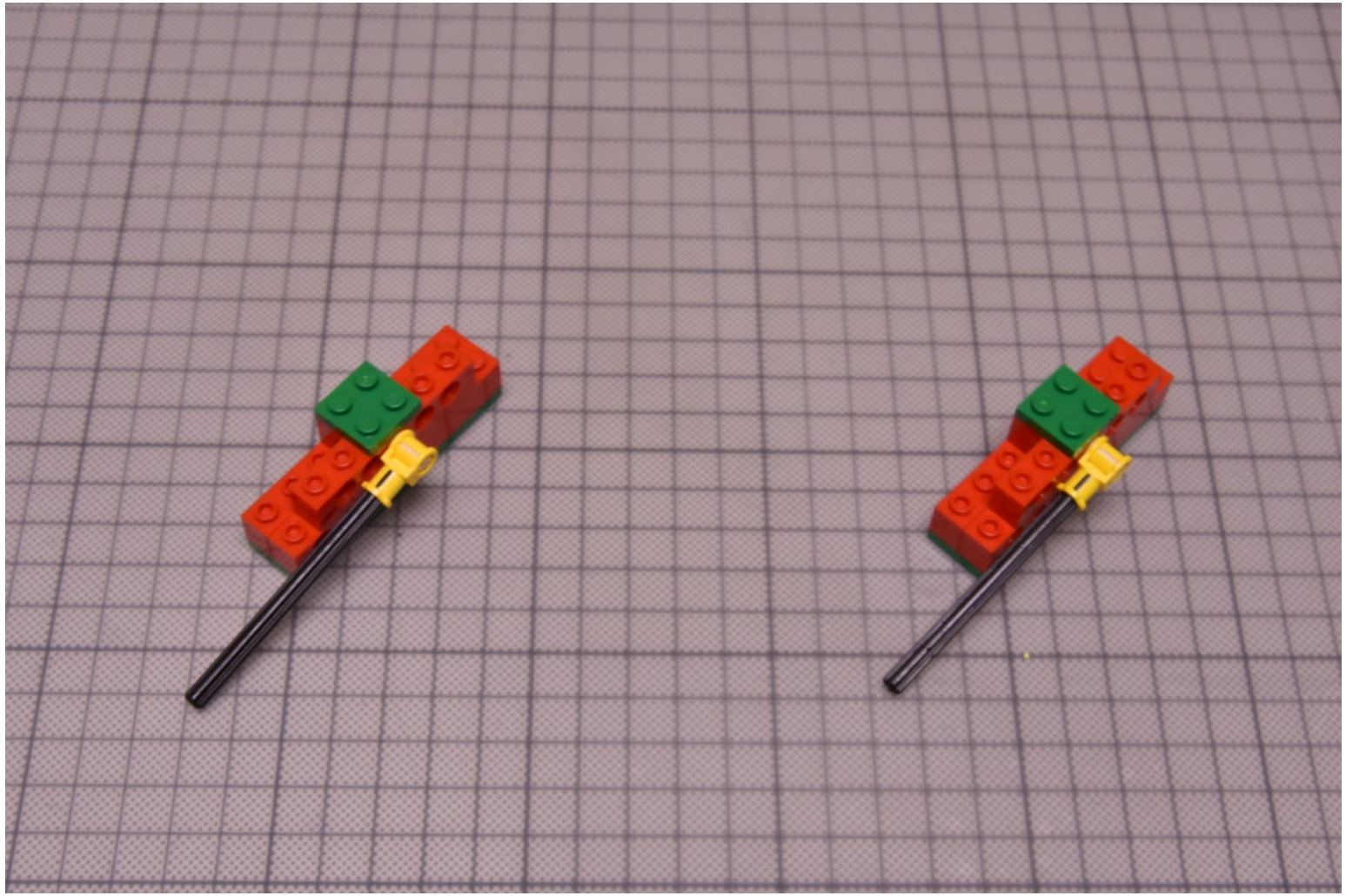
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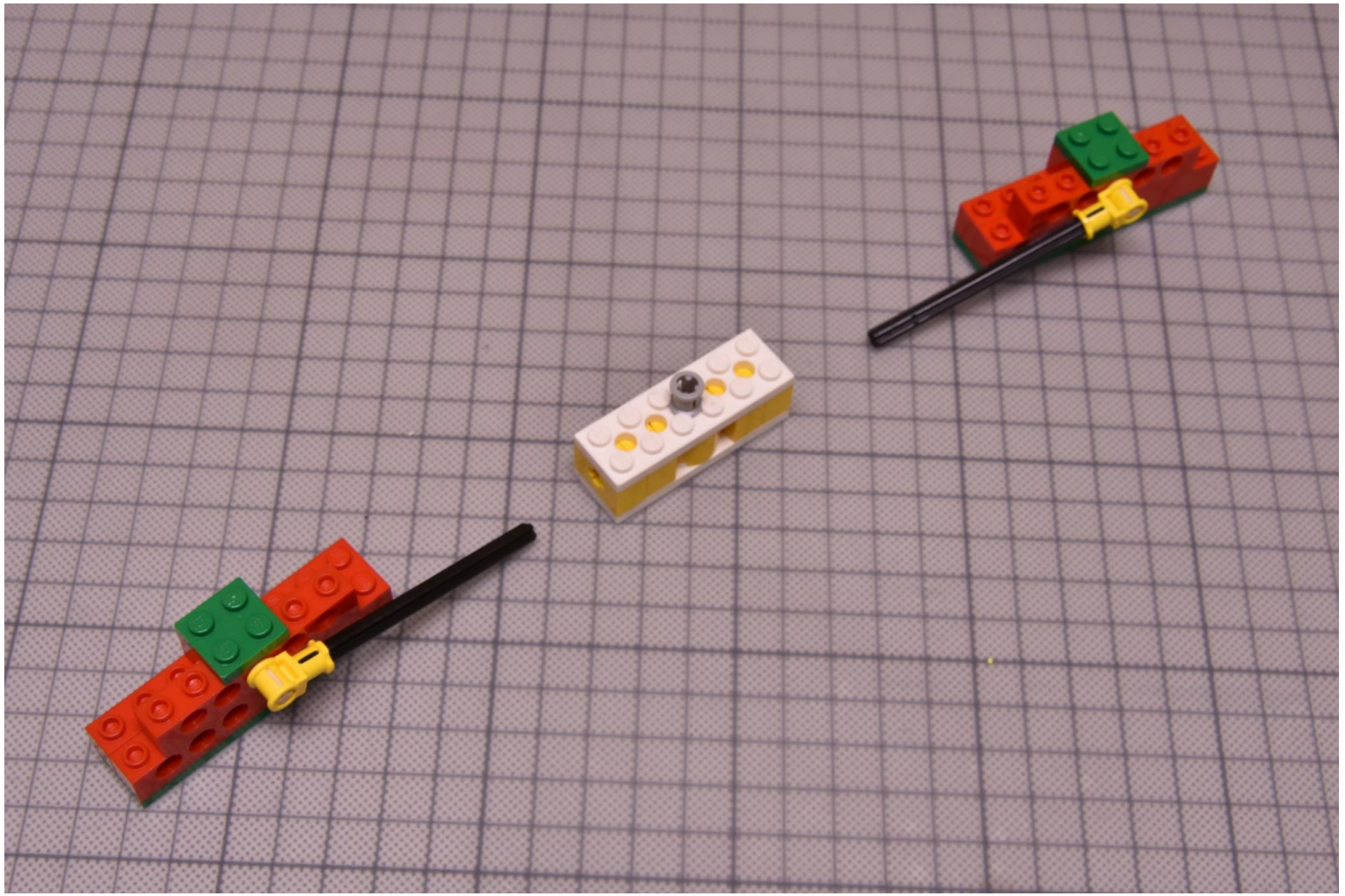
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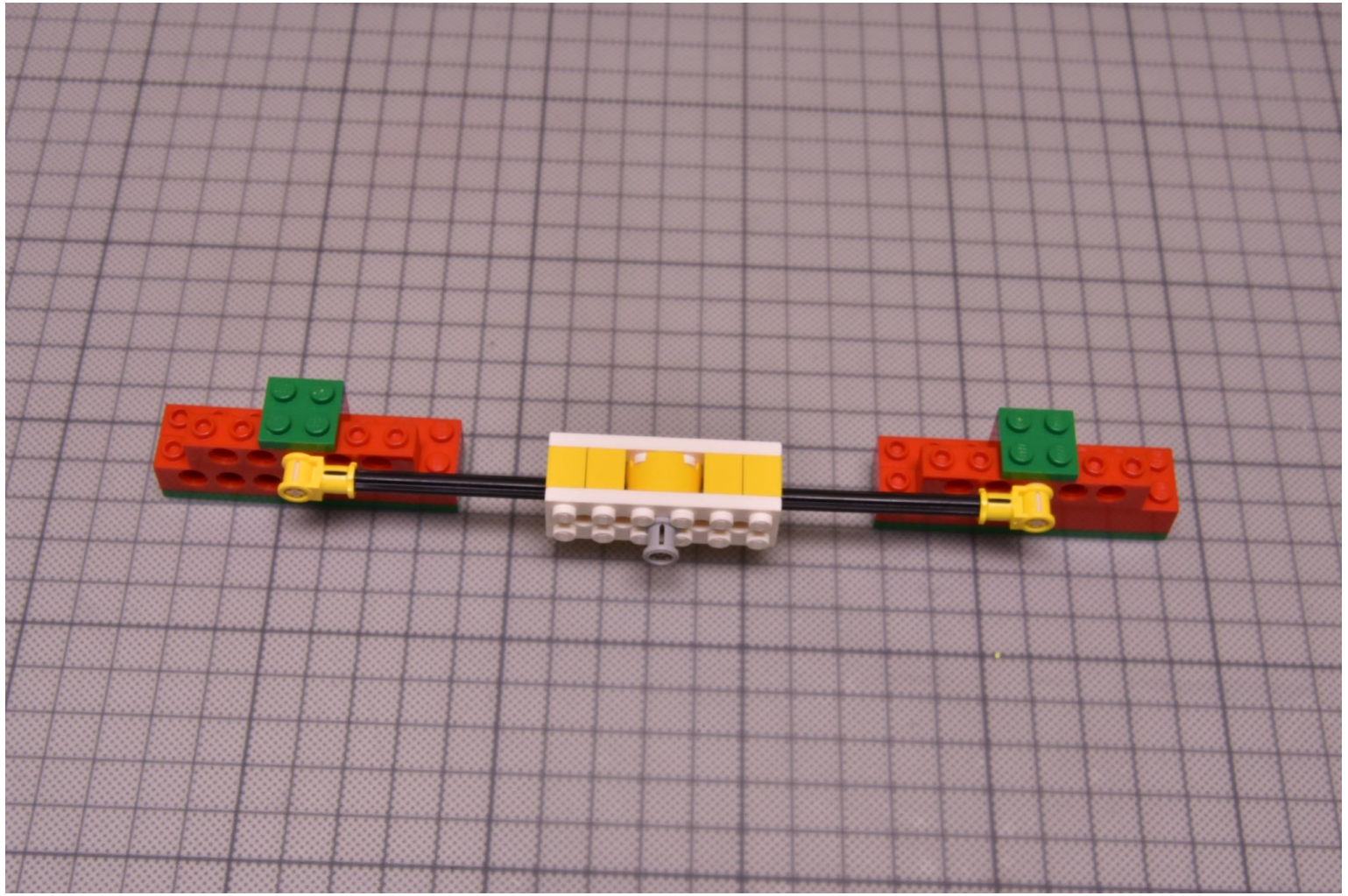
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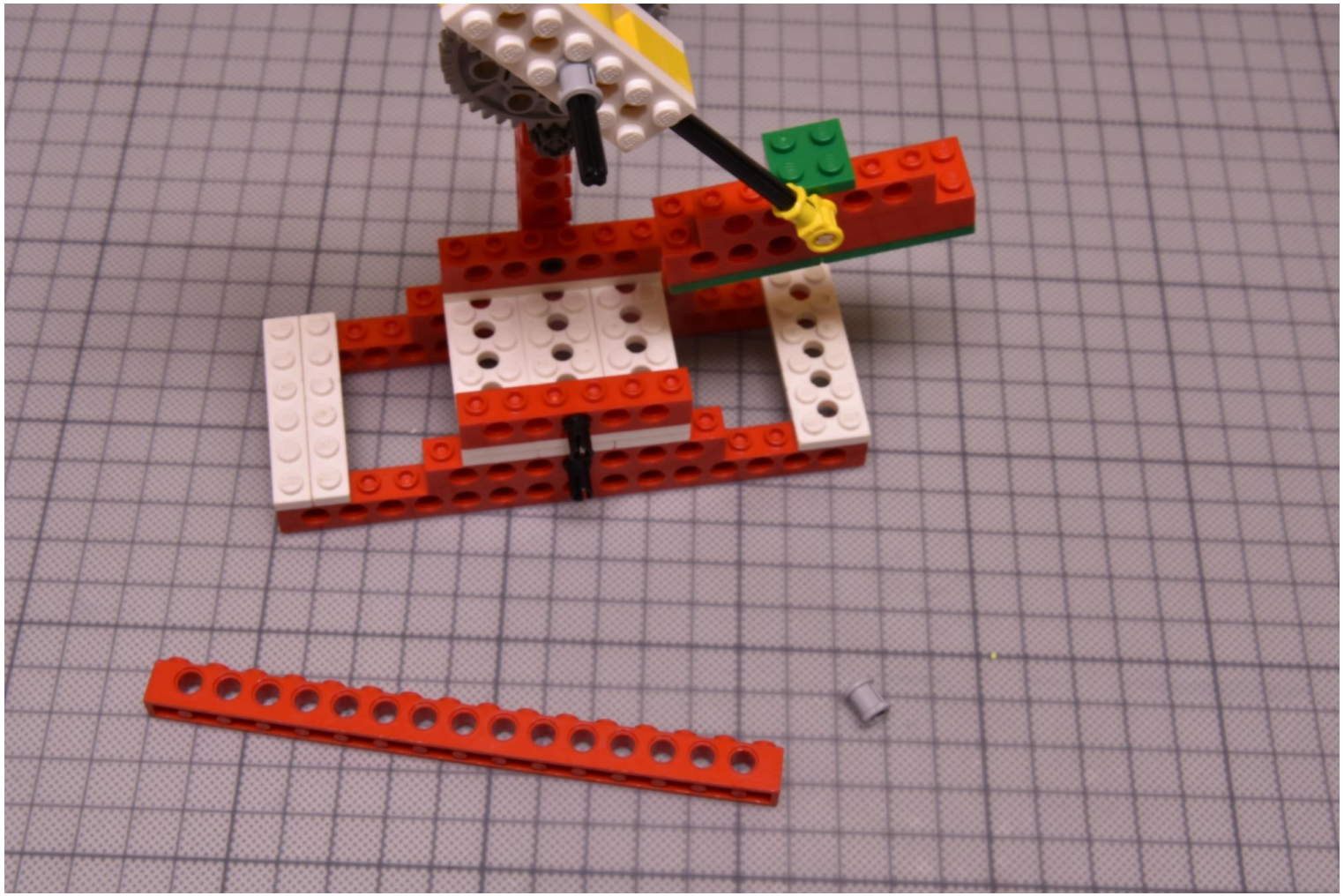
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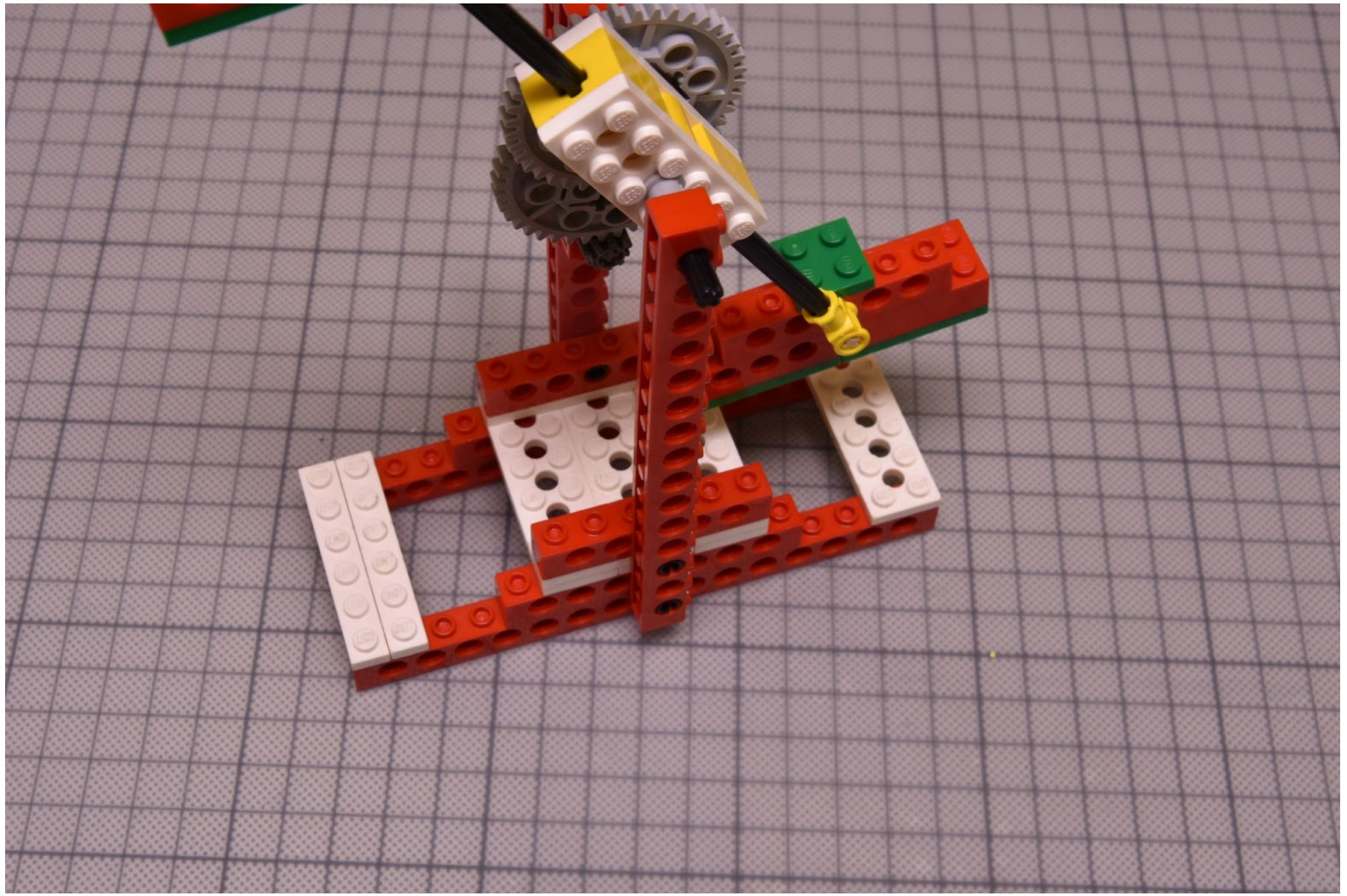
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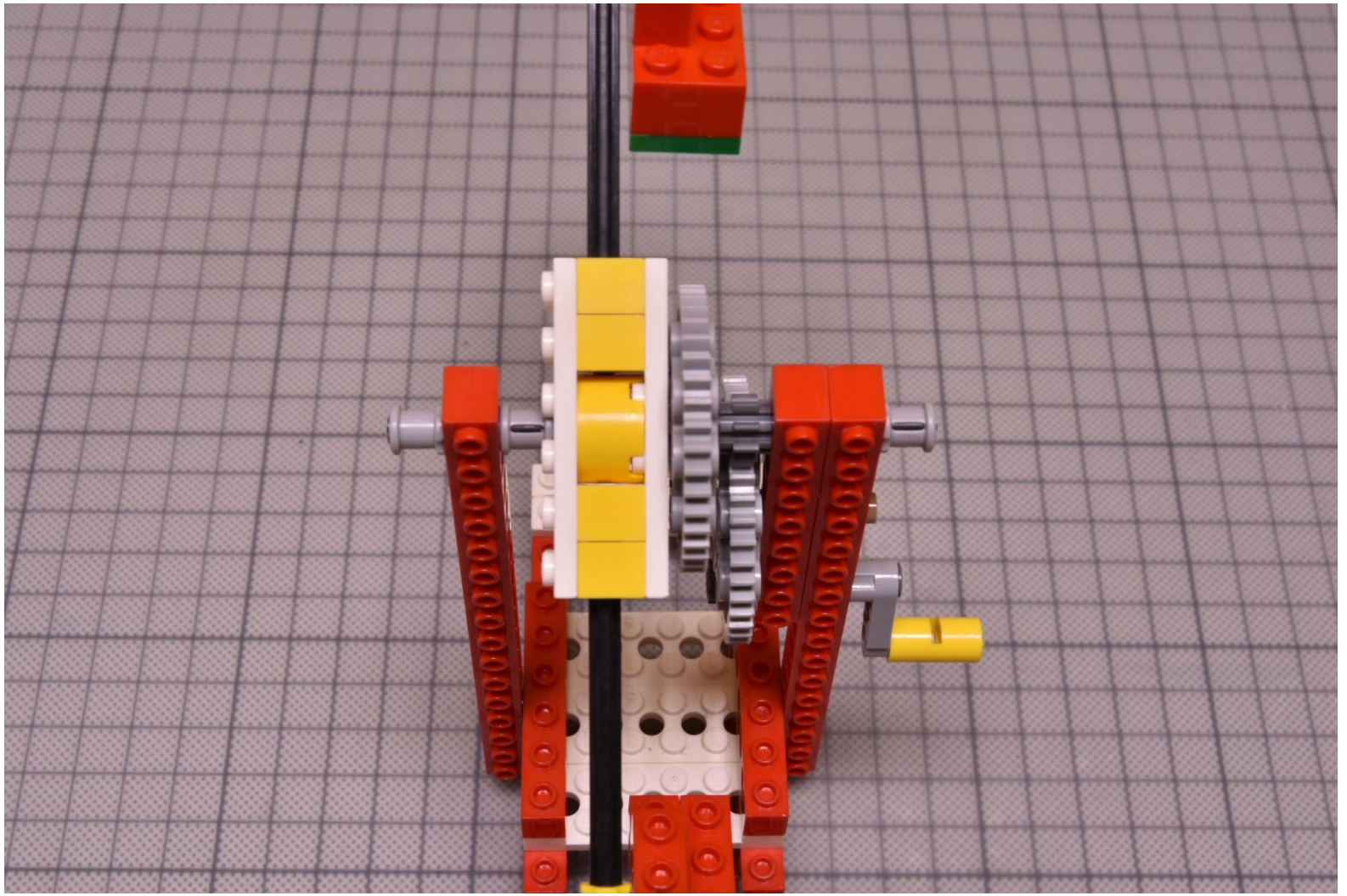
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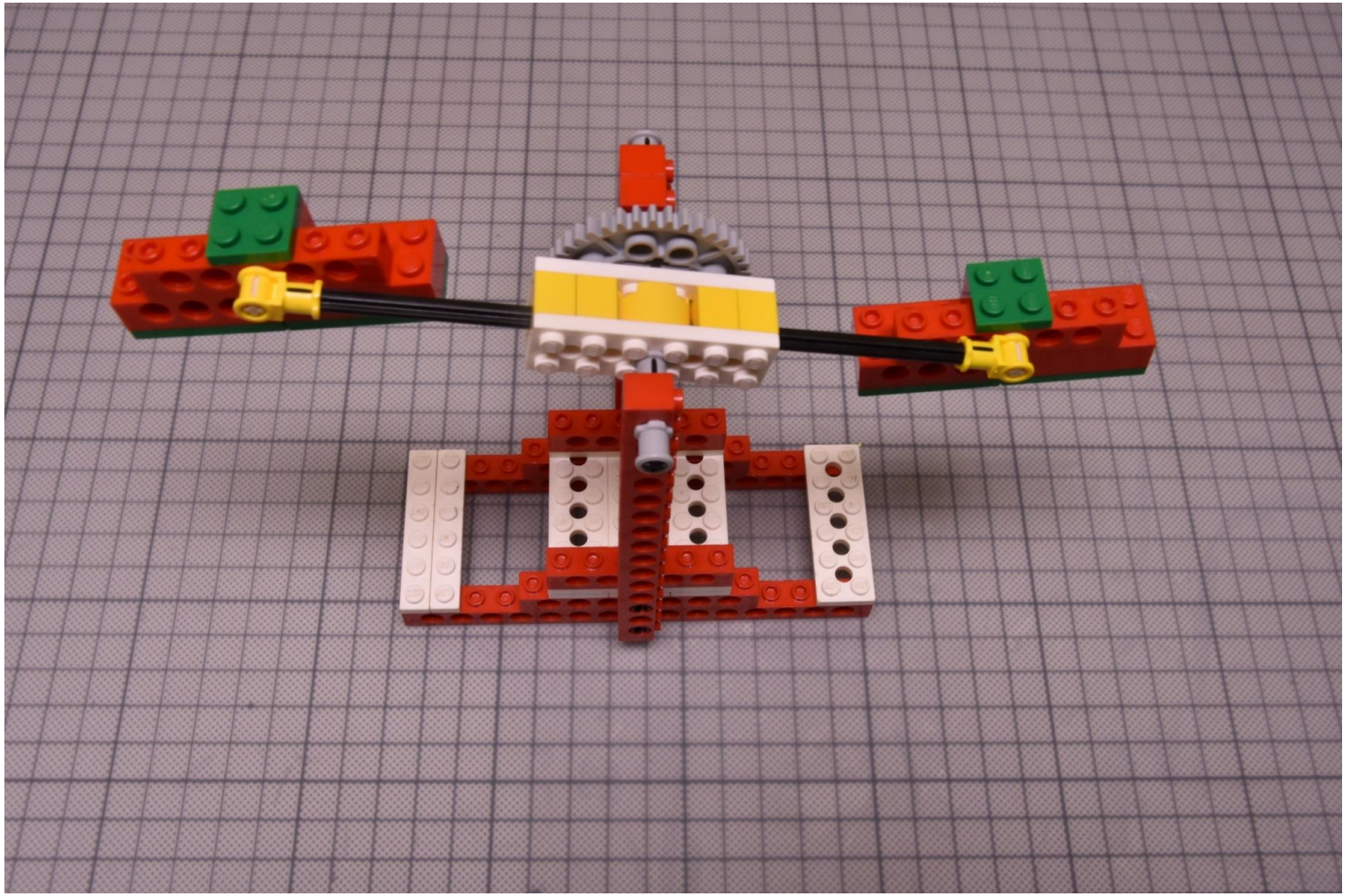
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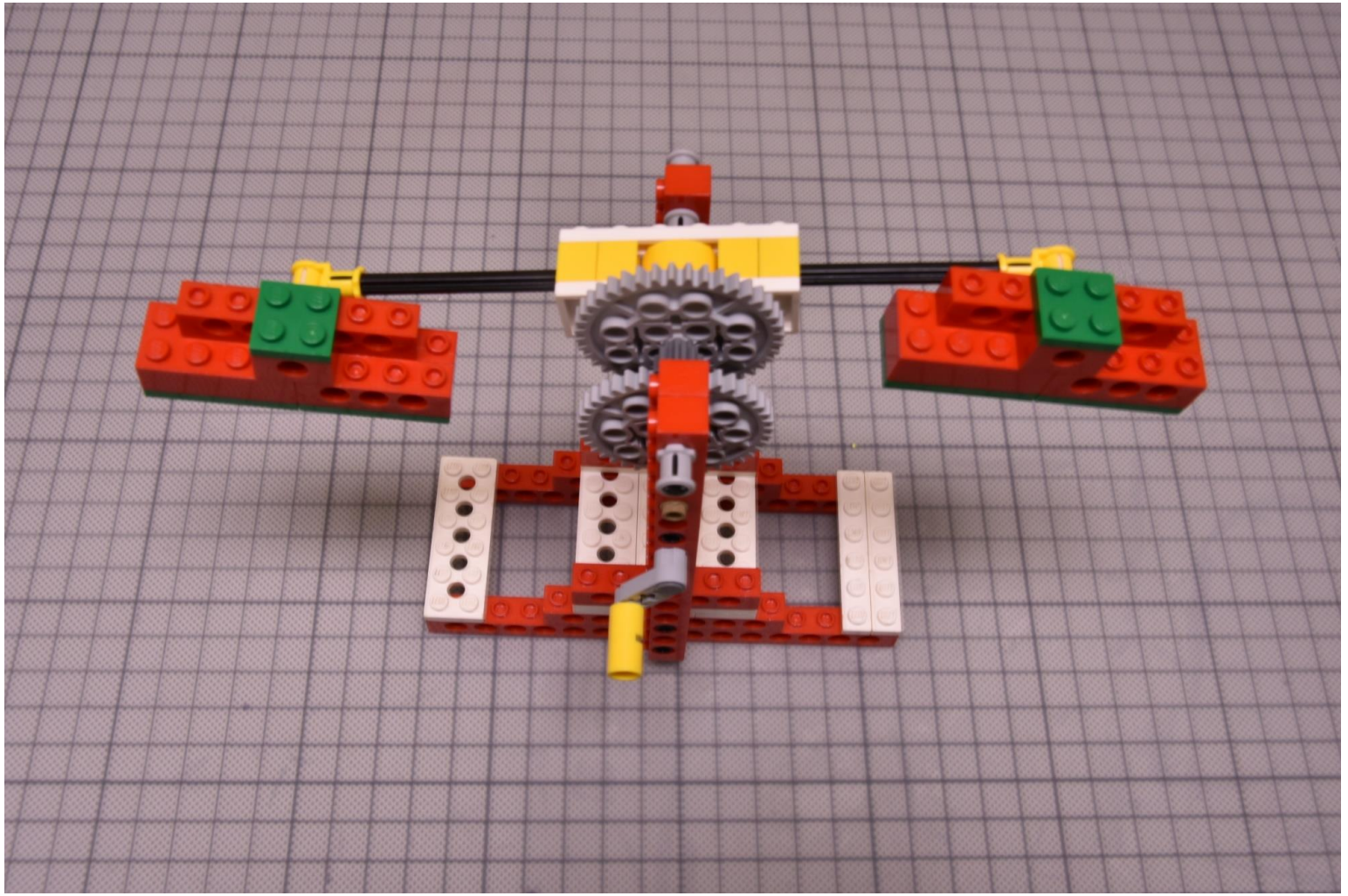
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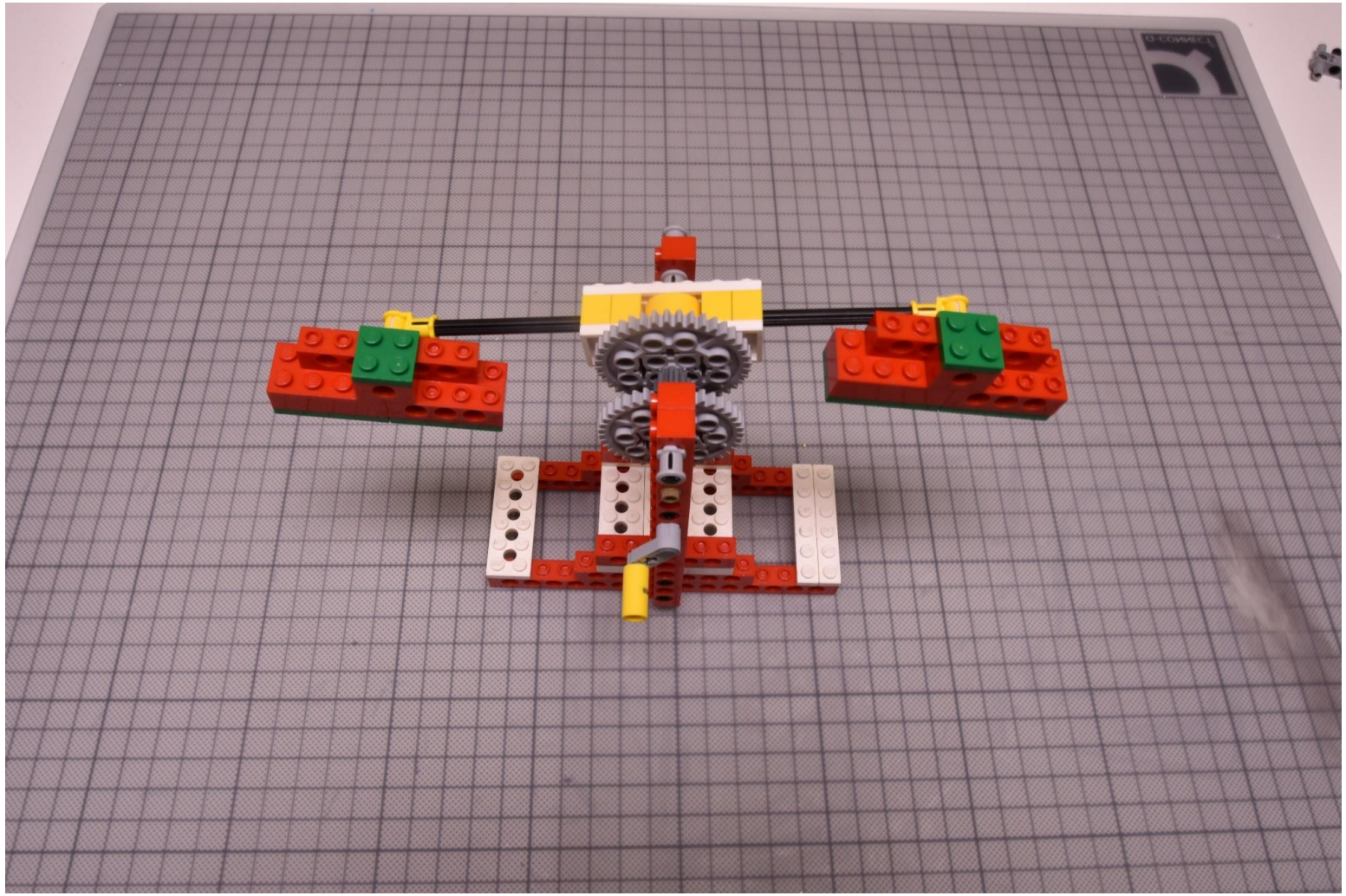
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