



Maşini simple

Erasmus+
Project No.: 2021-1-EL01-KA220-SCH-000023967

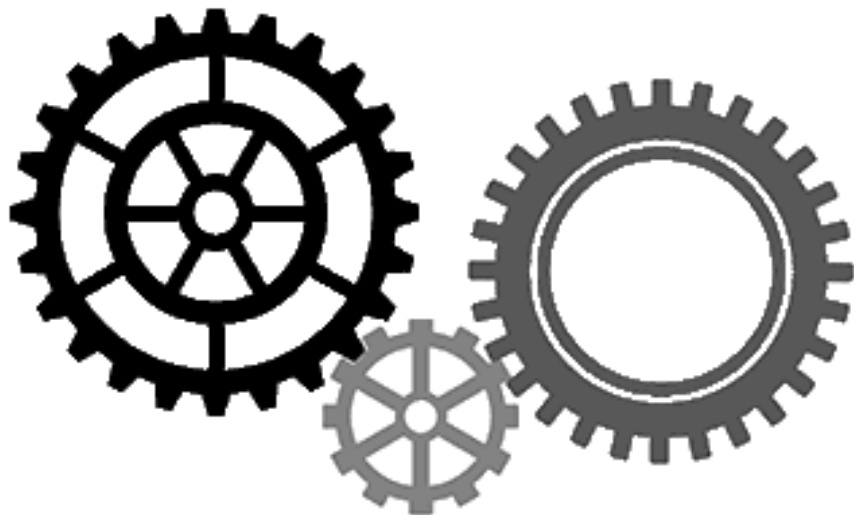
Call 2021 Round 1 KA2
KA220-SCH - Cooperation partnerships in school education
STEM Education for Primary Schools
STEM for Youngsters



Astăzi, ne
întoarcem la
târgul de
distracții!

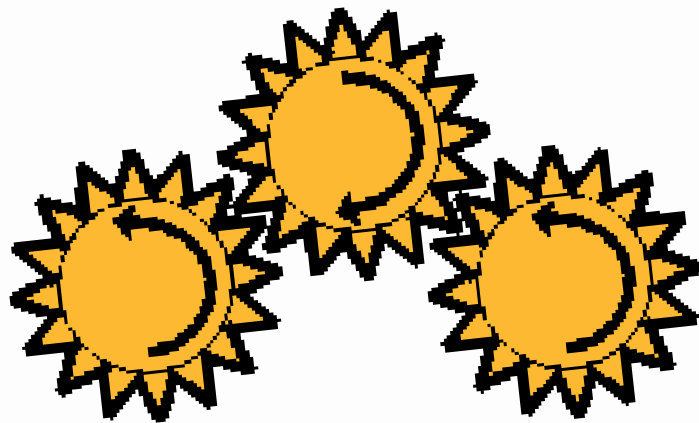


Și vom construi o
roată panoramică
cu roți dintate!

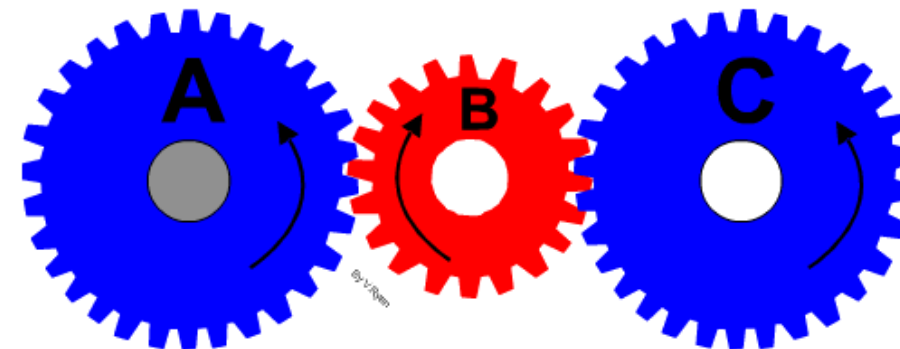


Îți amintești care este
roata dințată
conducătoare și care
este cea condusă?





Două roți dințate se mișcă în moduri diferite când sunt unele lângă altele.



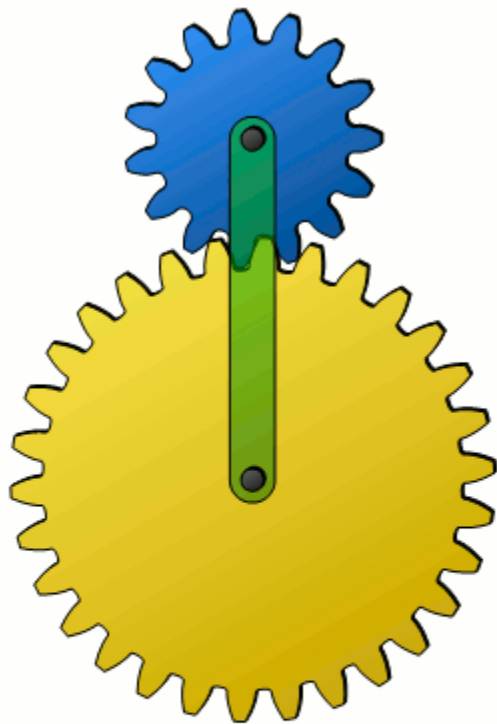
Roată
conducătoare

Roată
intermediară

Roată
condusă



Uită-te la felul în care
roțile dințate se mișcă
atunci când sunt
unele lângă altele!



Ceea ce mă
impresionează este
viteza diferită a roților
dințate mari și mici!

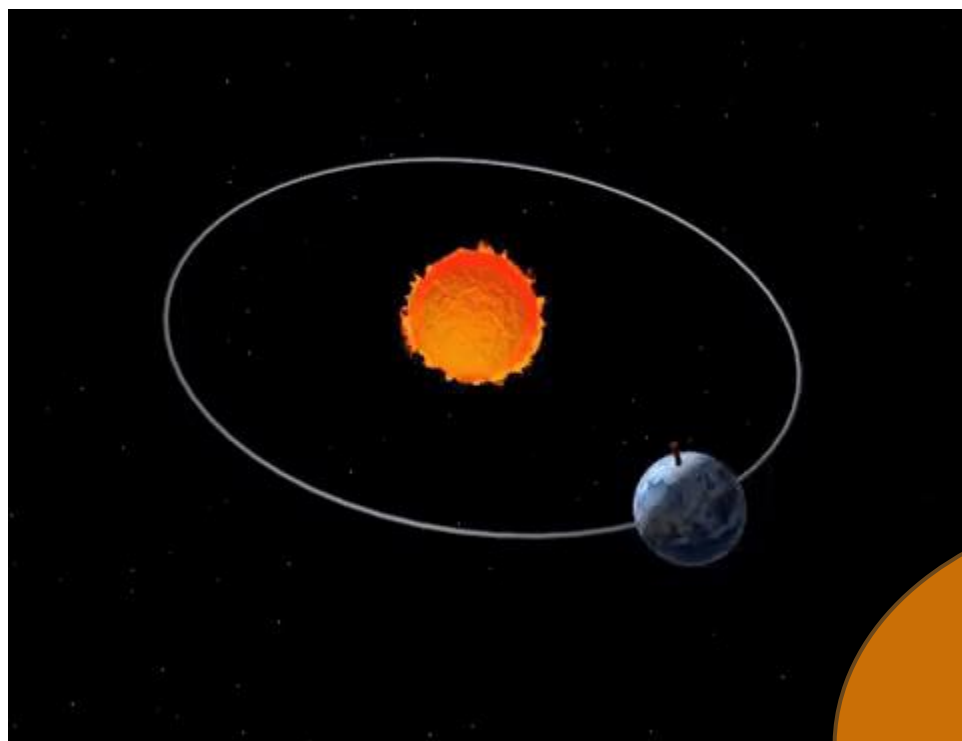
Explică de ce angrenajele formate din roți dințate cu mai mulți sau mai puțini dinți au o viteză diferită.



M-am plictisit!
Când mergem la
târgul de
distracții?



După ce vorbim
despre rotație!



Există două tipuri de rotație: în jurul nostru și în jurul altui corp. Pământul le face pe amândouă!

Dacă vrem să fim exacti, ai dreptate! Știți de cât timp are nevoie Pământul pentru a face aceste două mișcări?

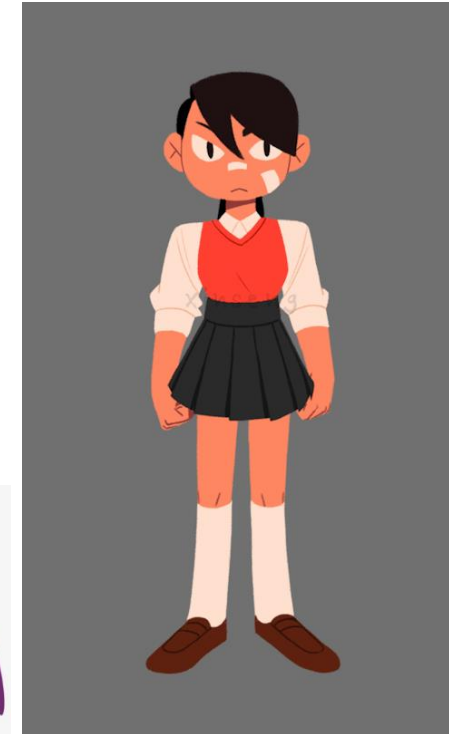


Al doilea se numește revoluție!!

Cereți elevilor să menționeze exemple de mișcări de rotație și revoluție de care sunt conștienți.



Nu încercăm
niciodată acest
lucru!

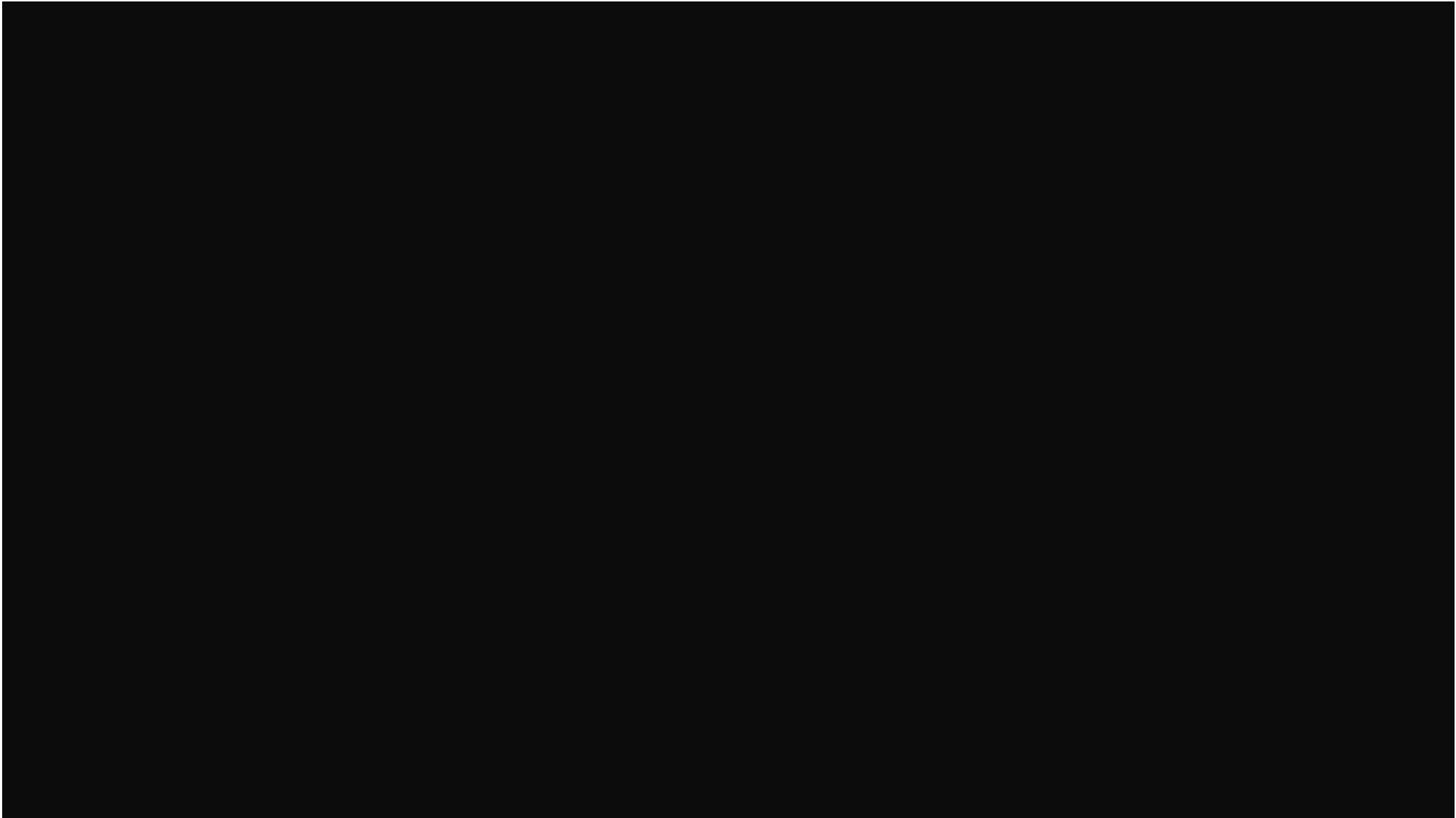


Și acum este
timpul pentru
Roată!!

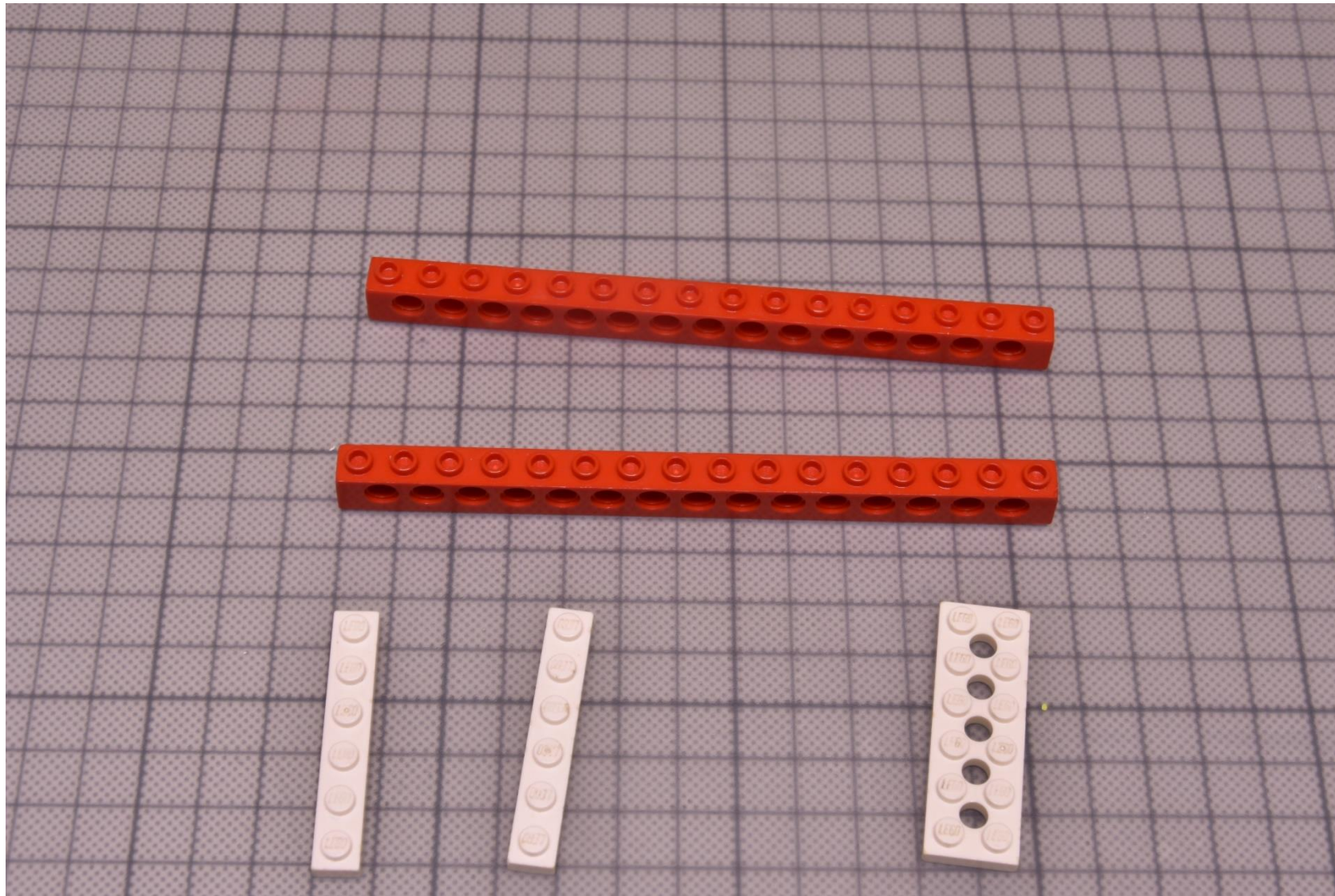
Am fost pe o
Roată în alte
locuri, în afară de
un târg de
distracții!



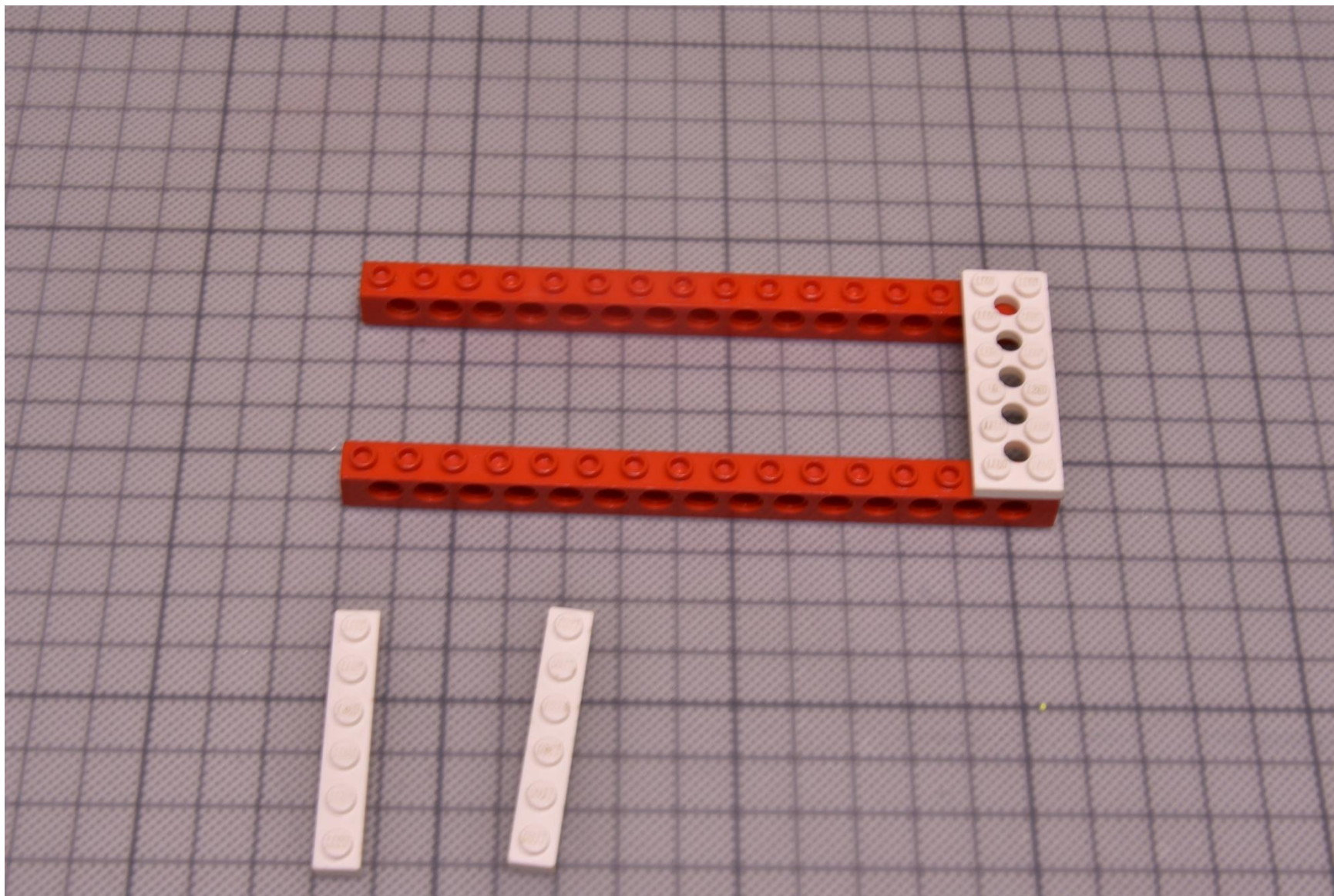
Discutați cu elevii dumneavoastră dacă s-au dat cu roata panoramică și care este experiența lor.



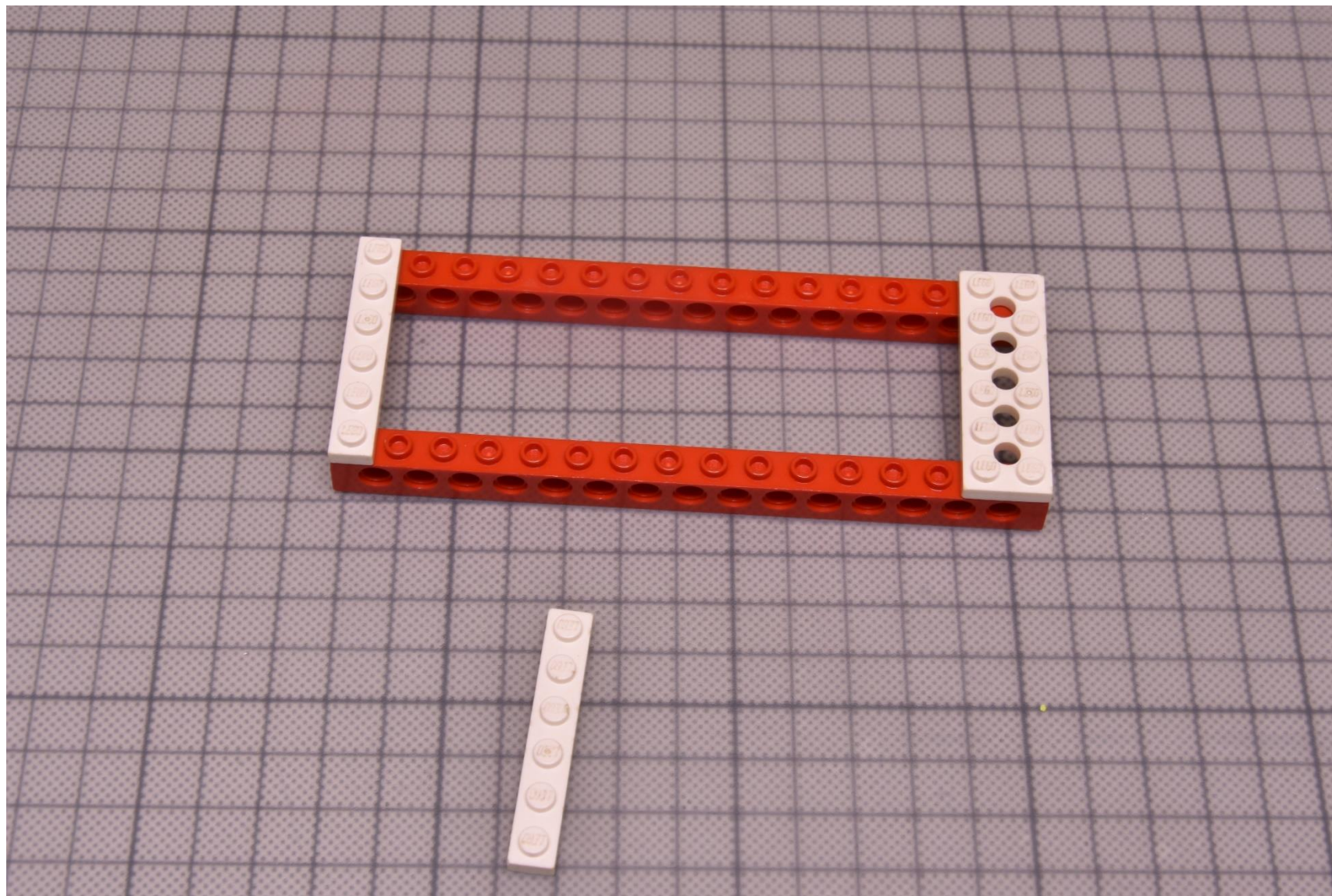
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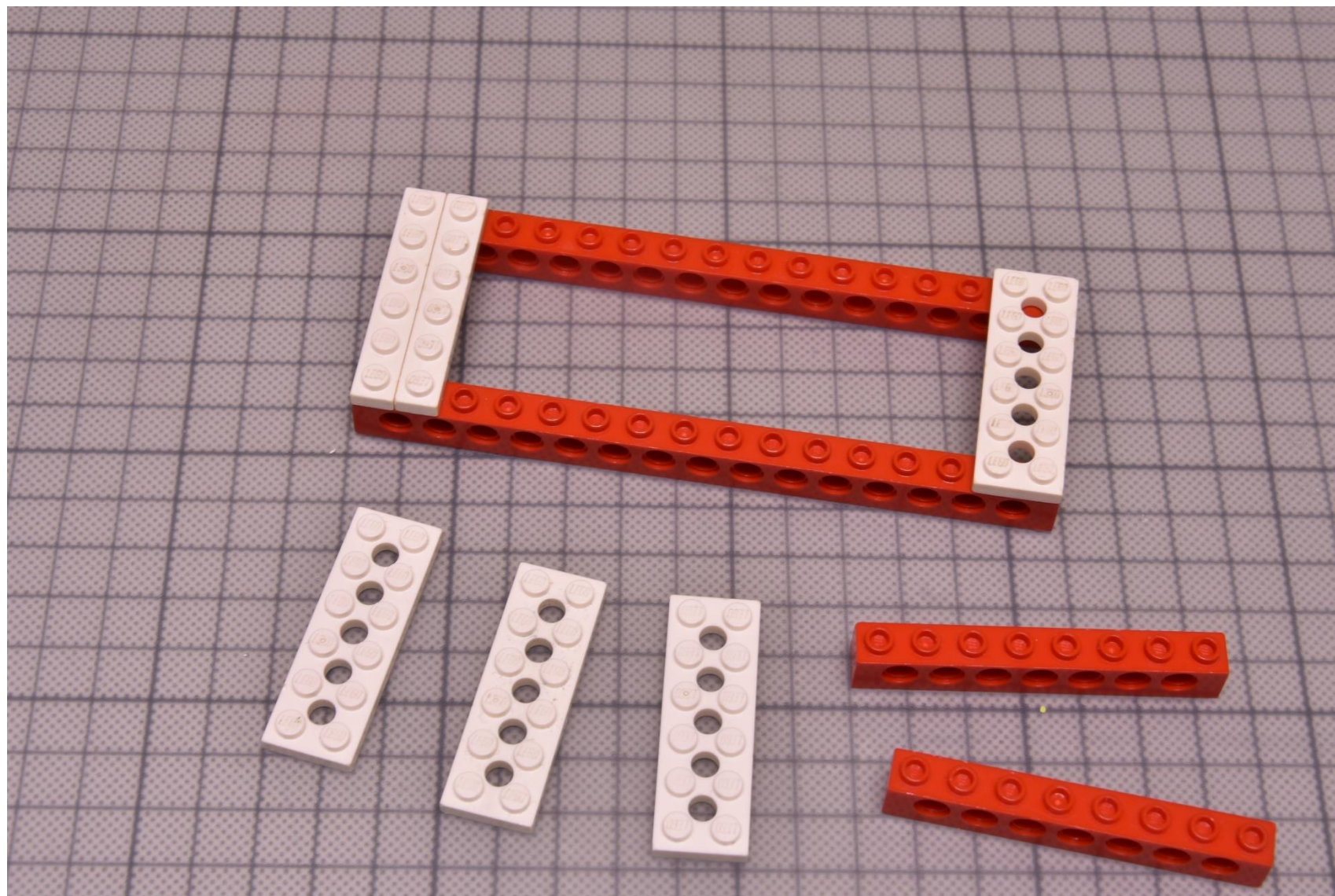
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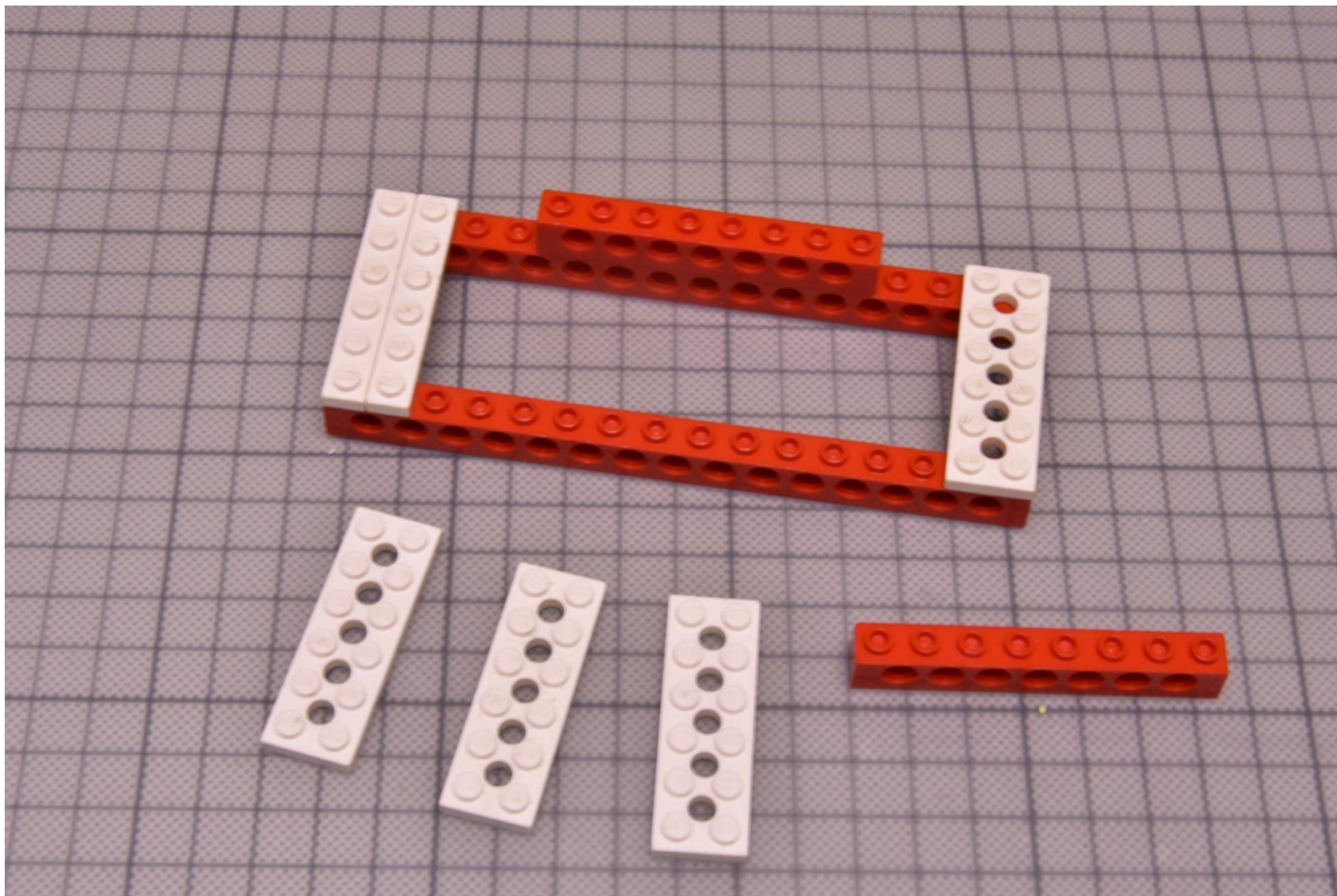
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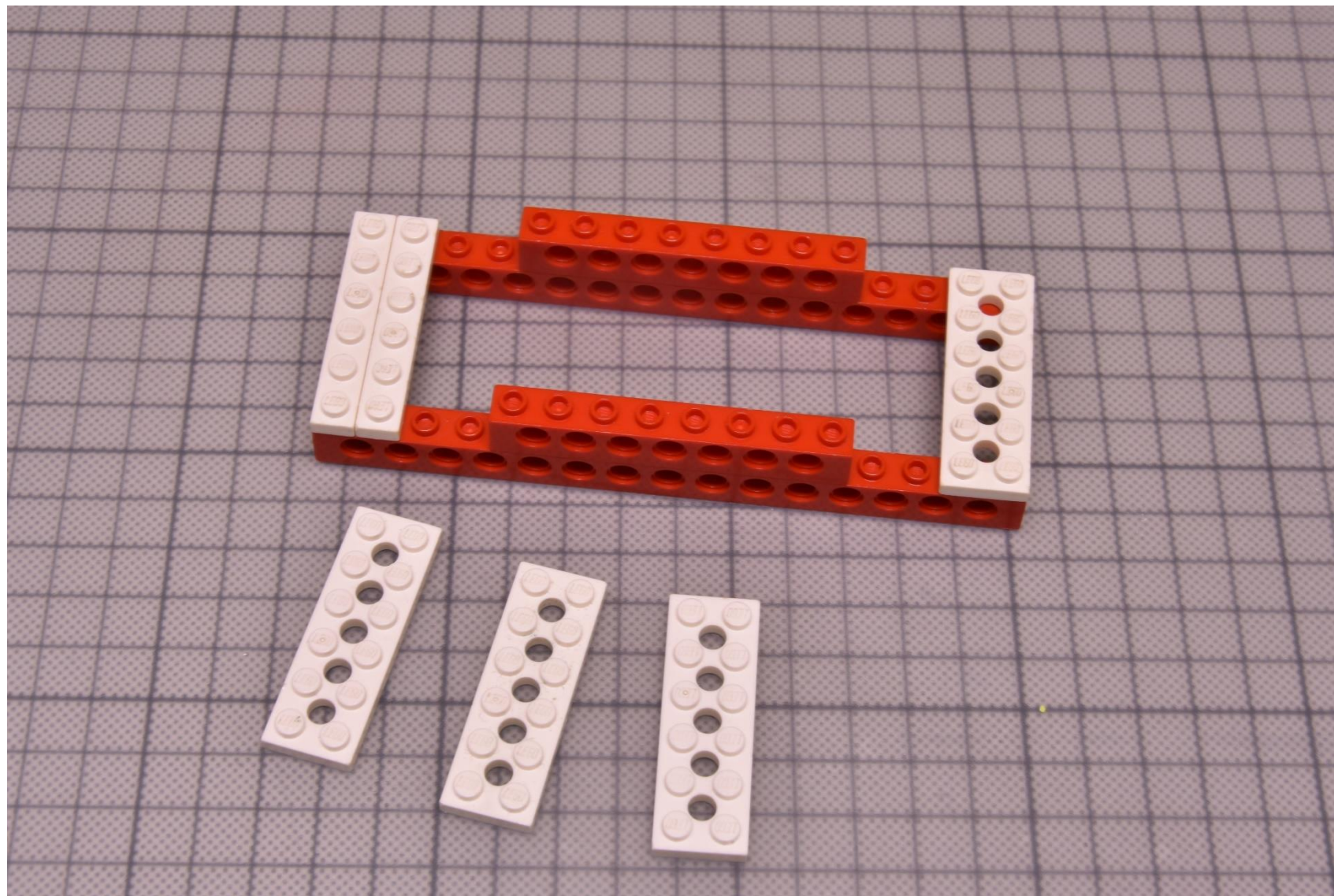
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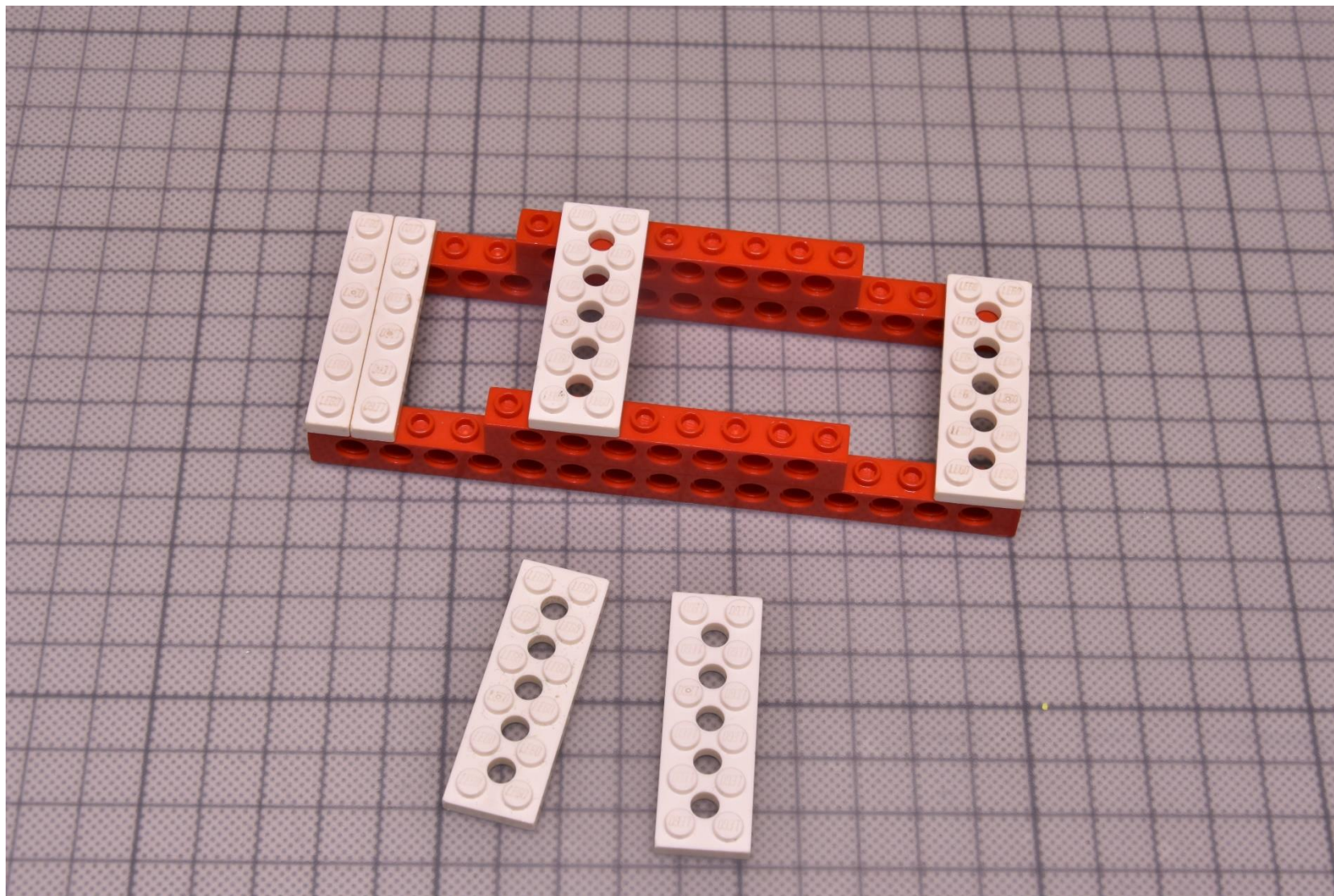
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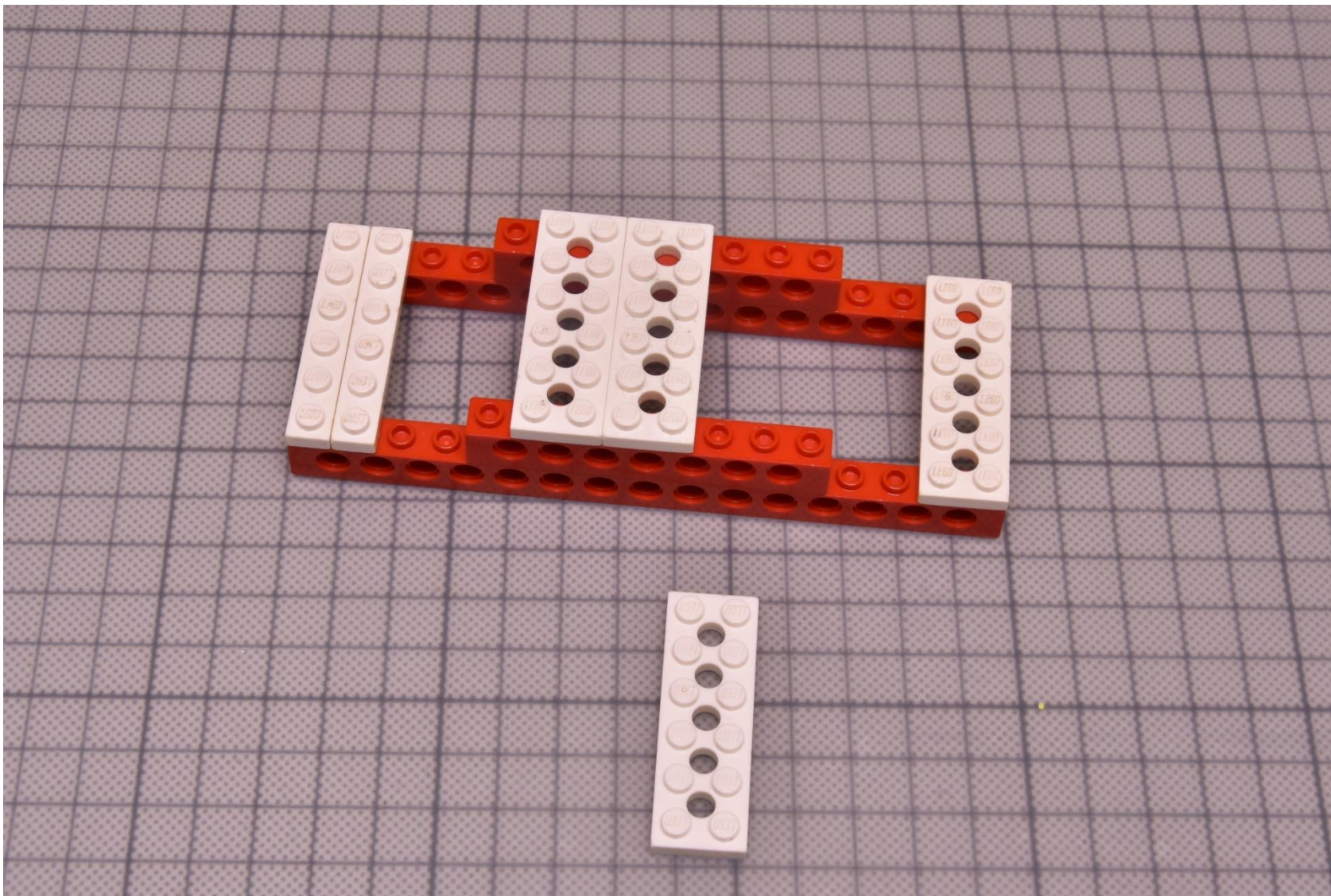
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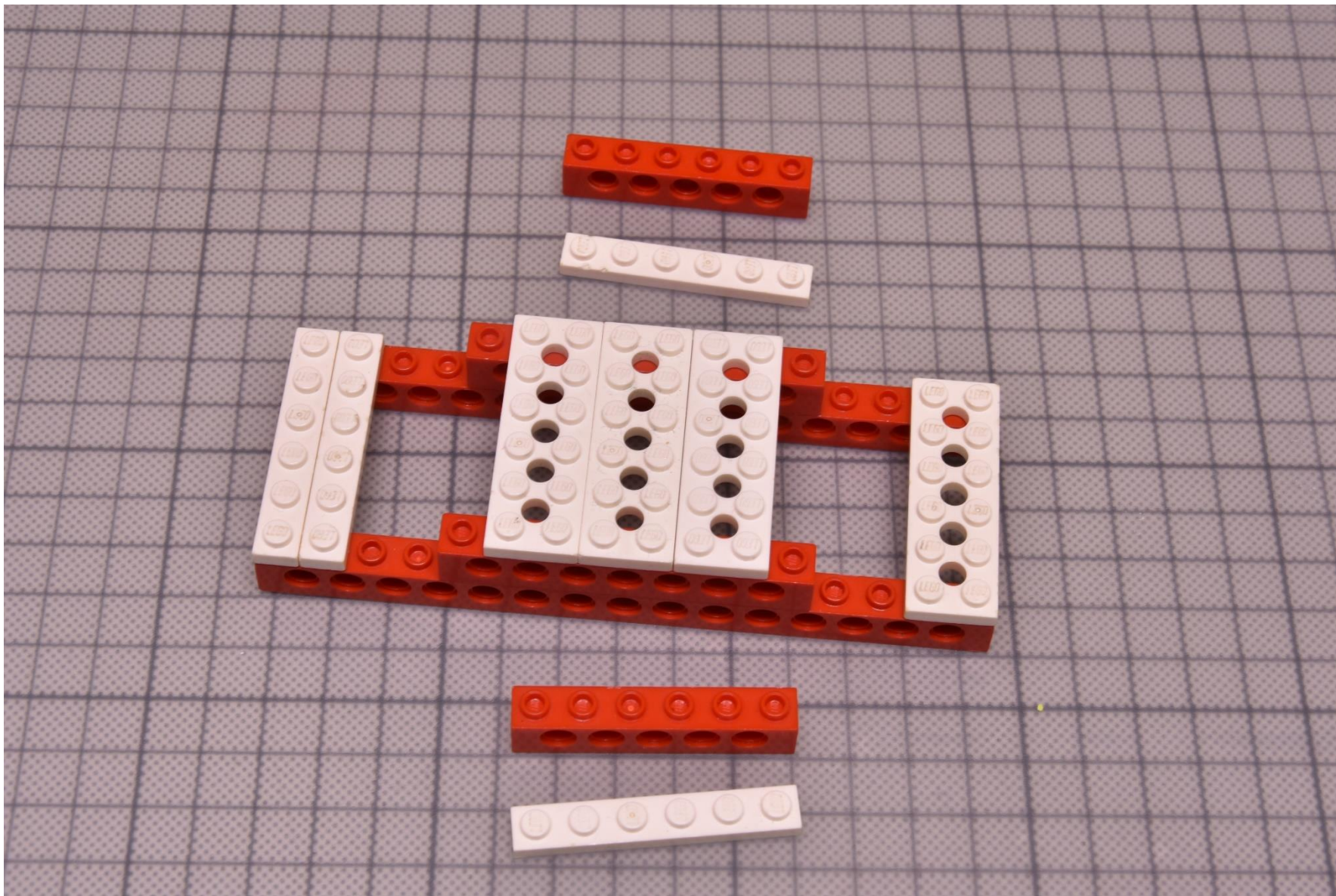
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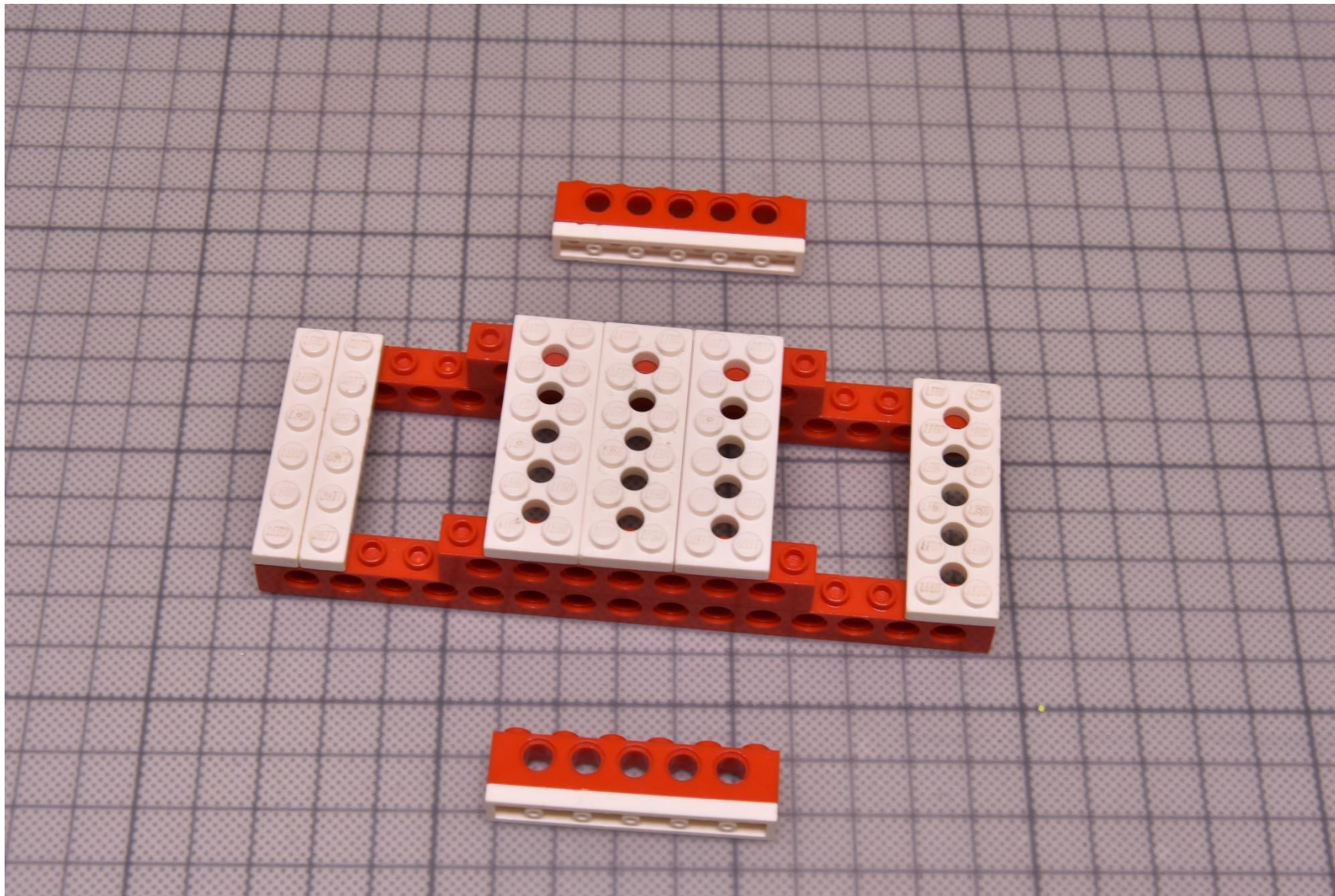
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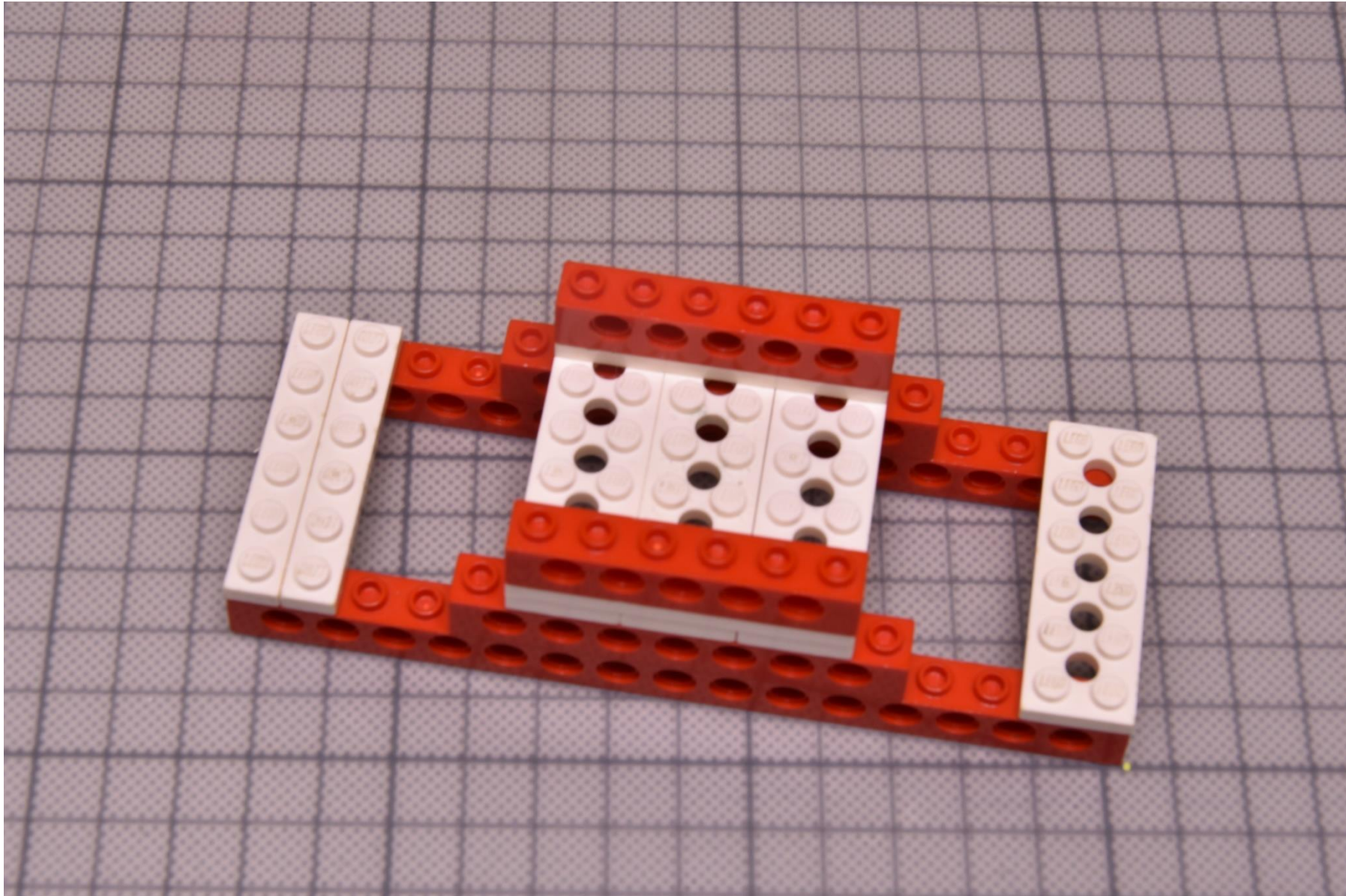
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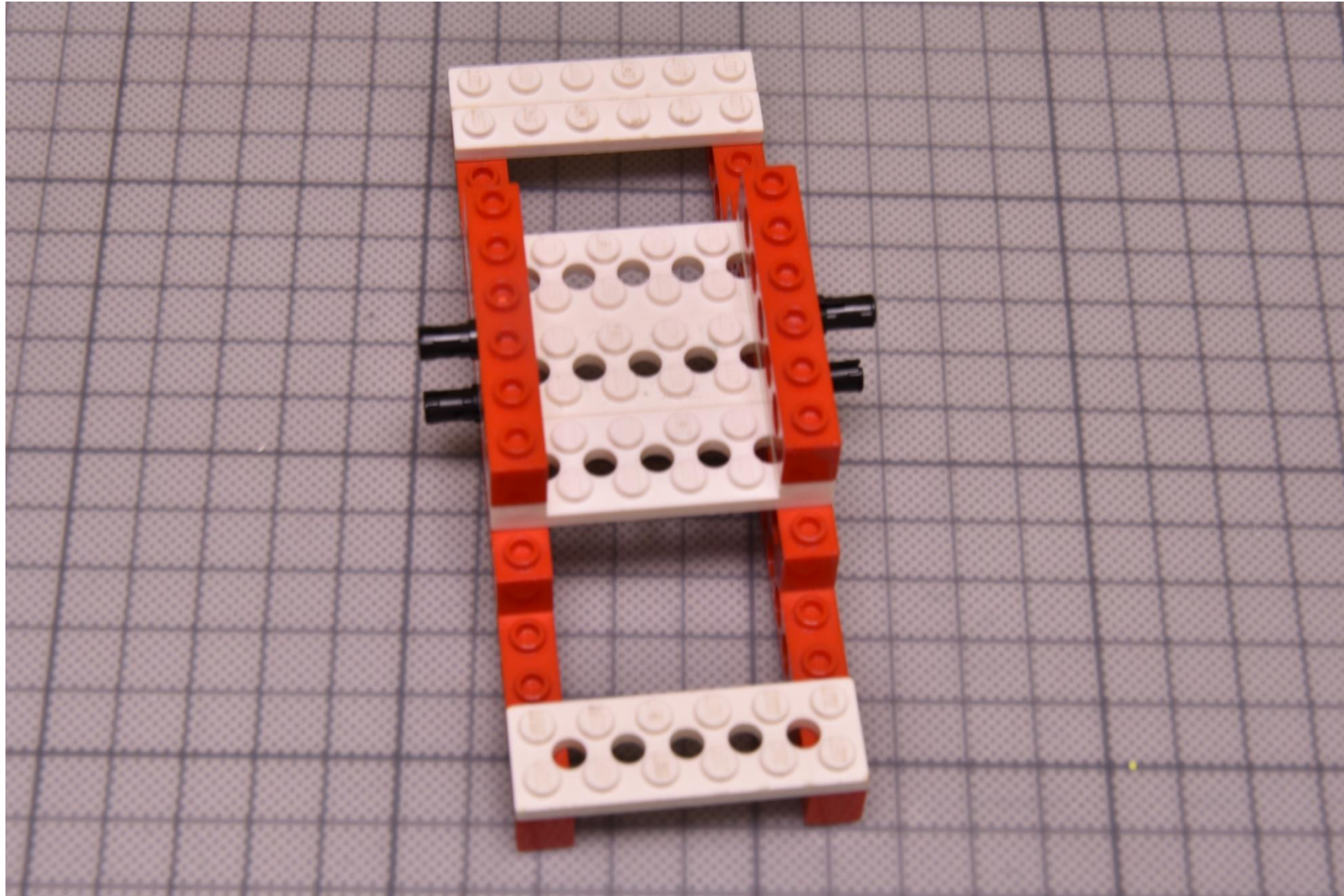
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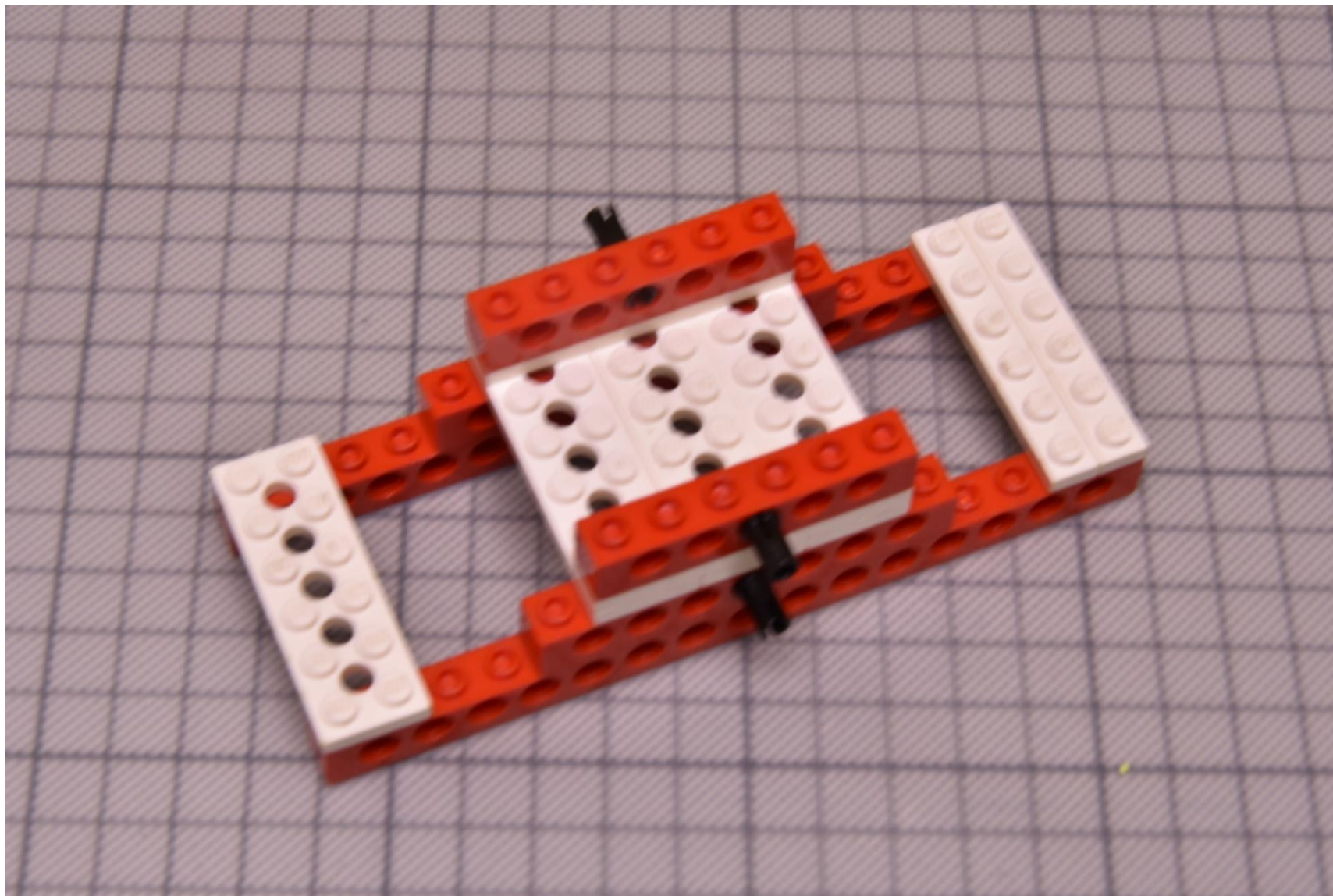
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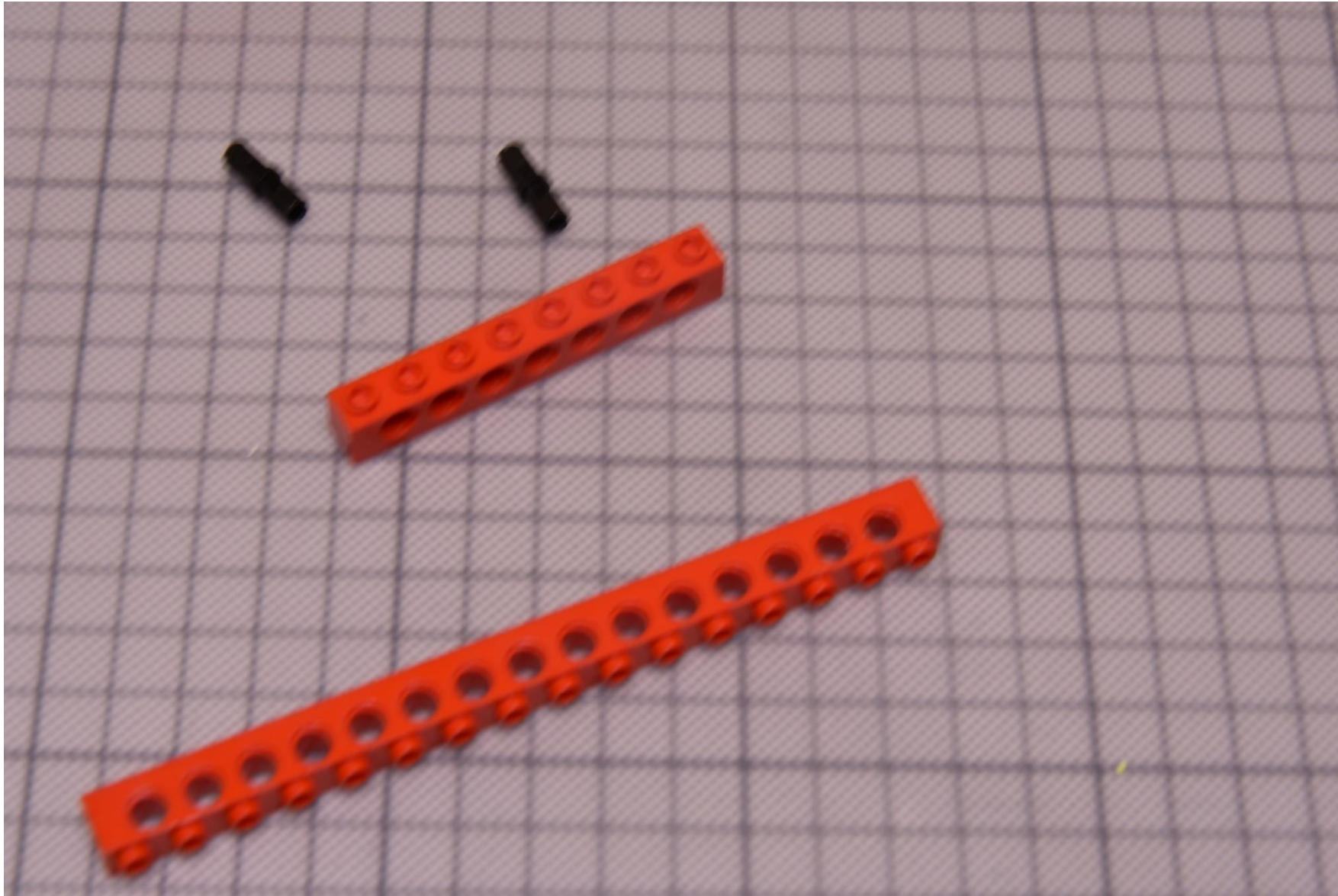
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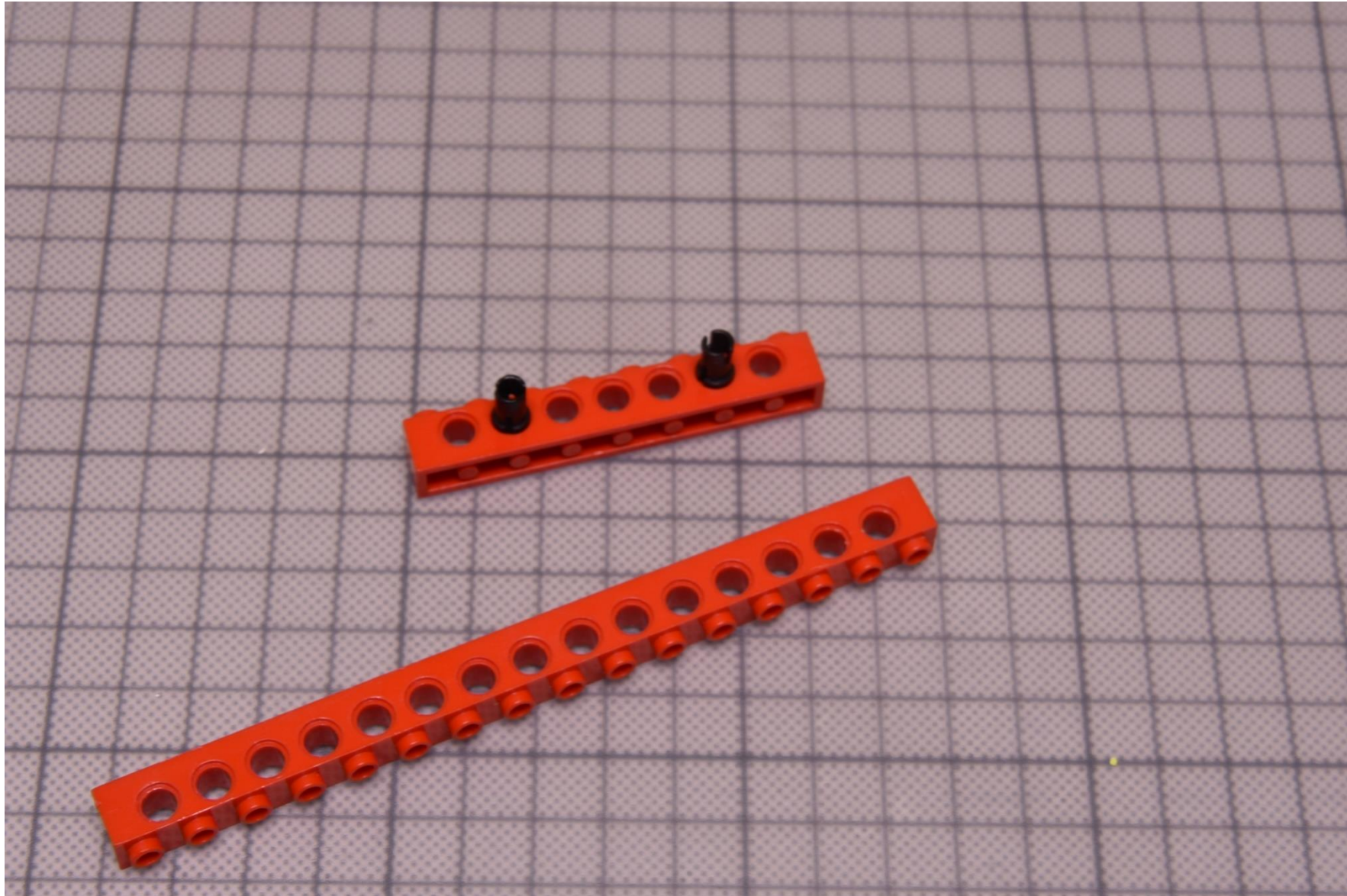
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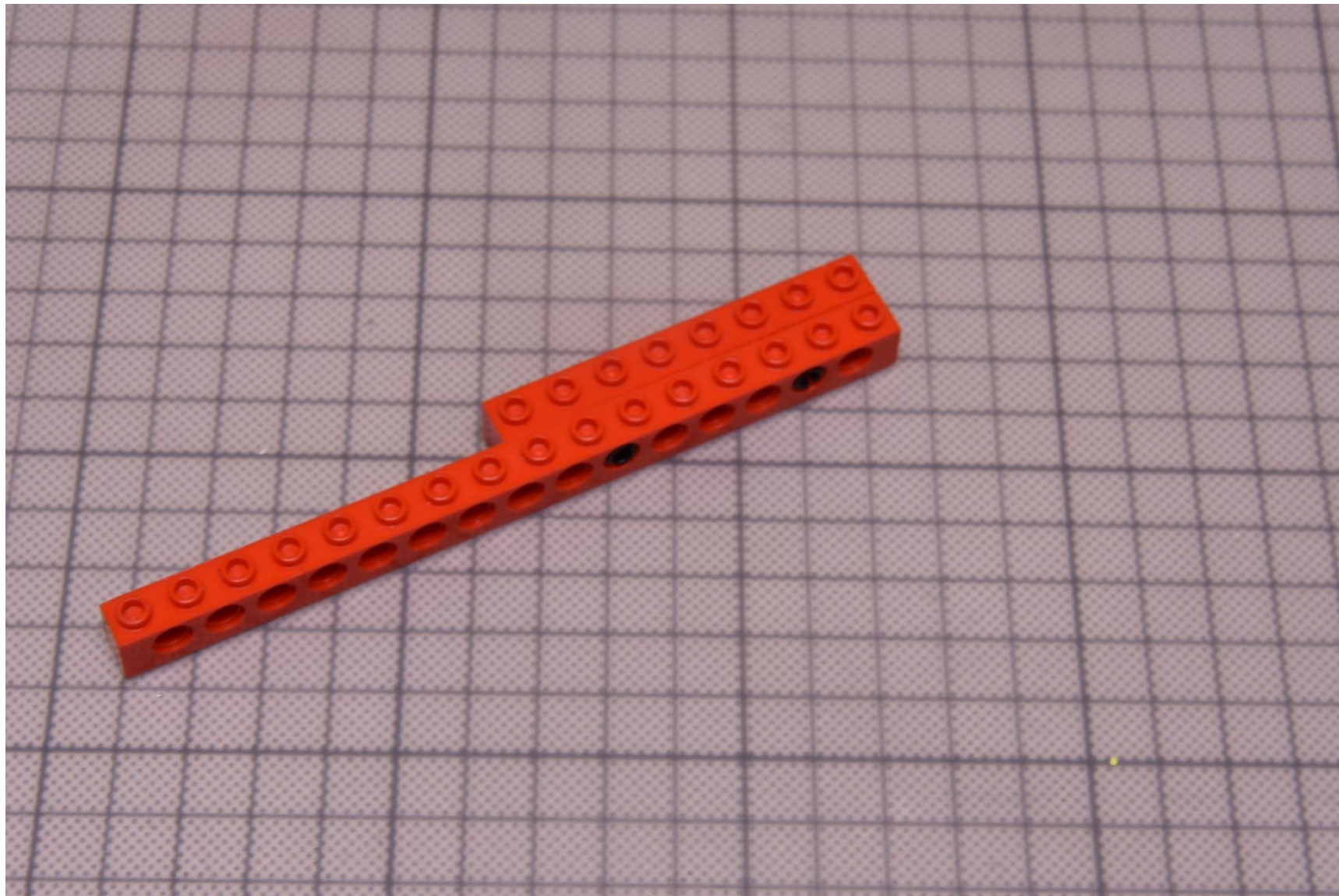
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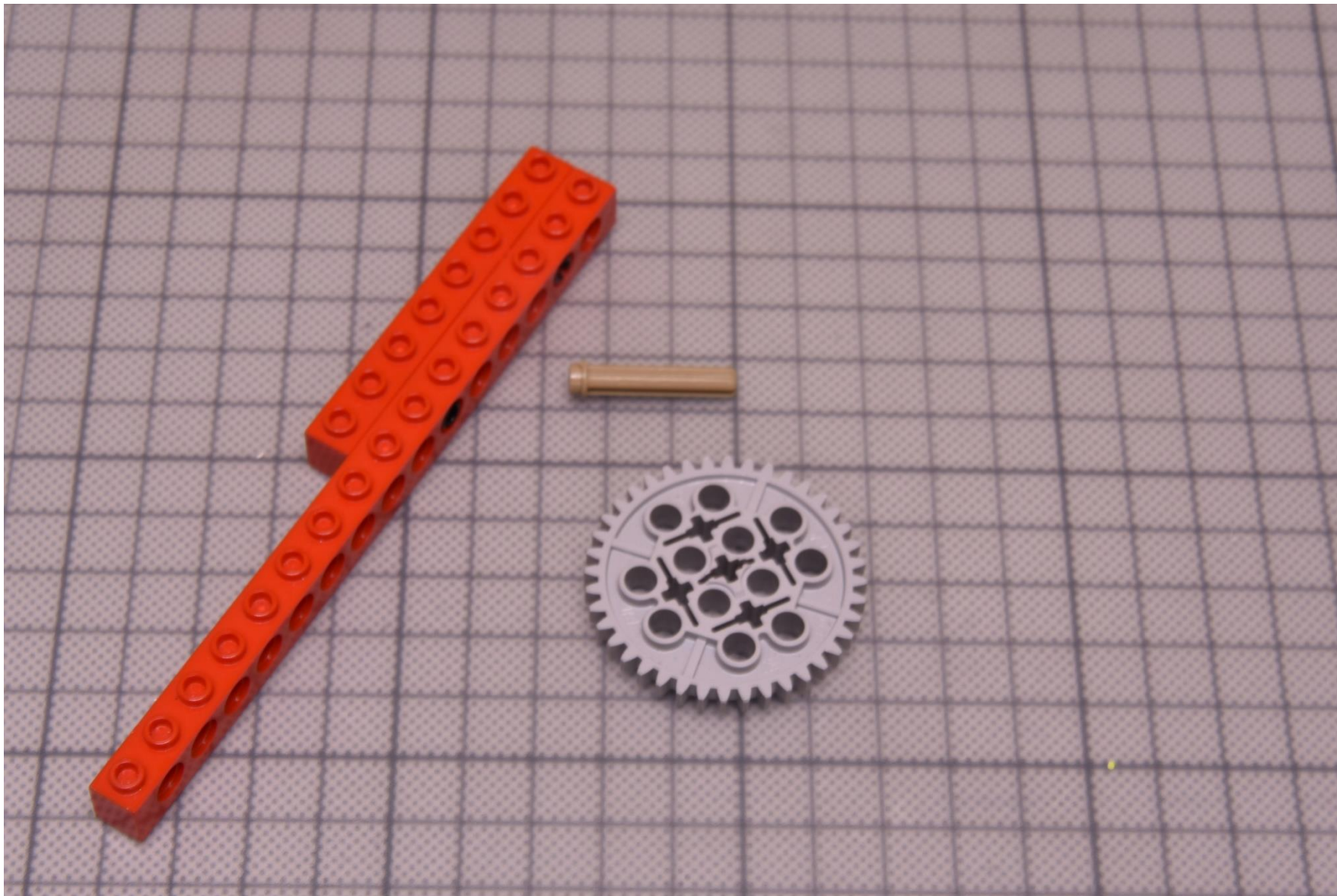
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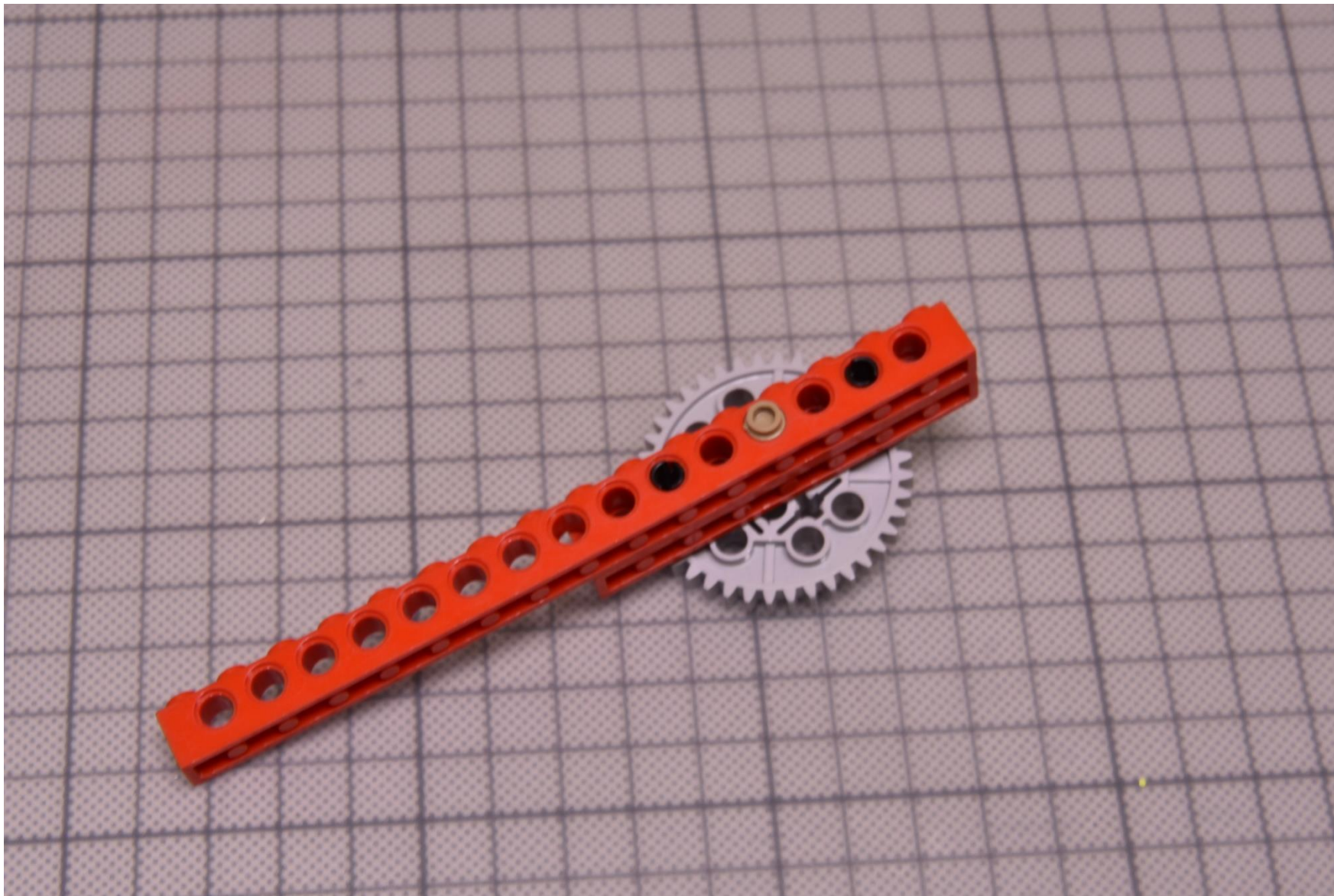
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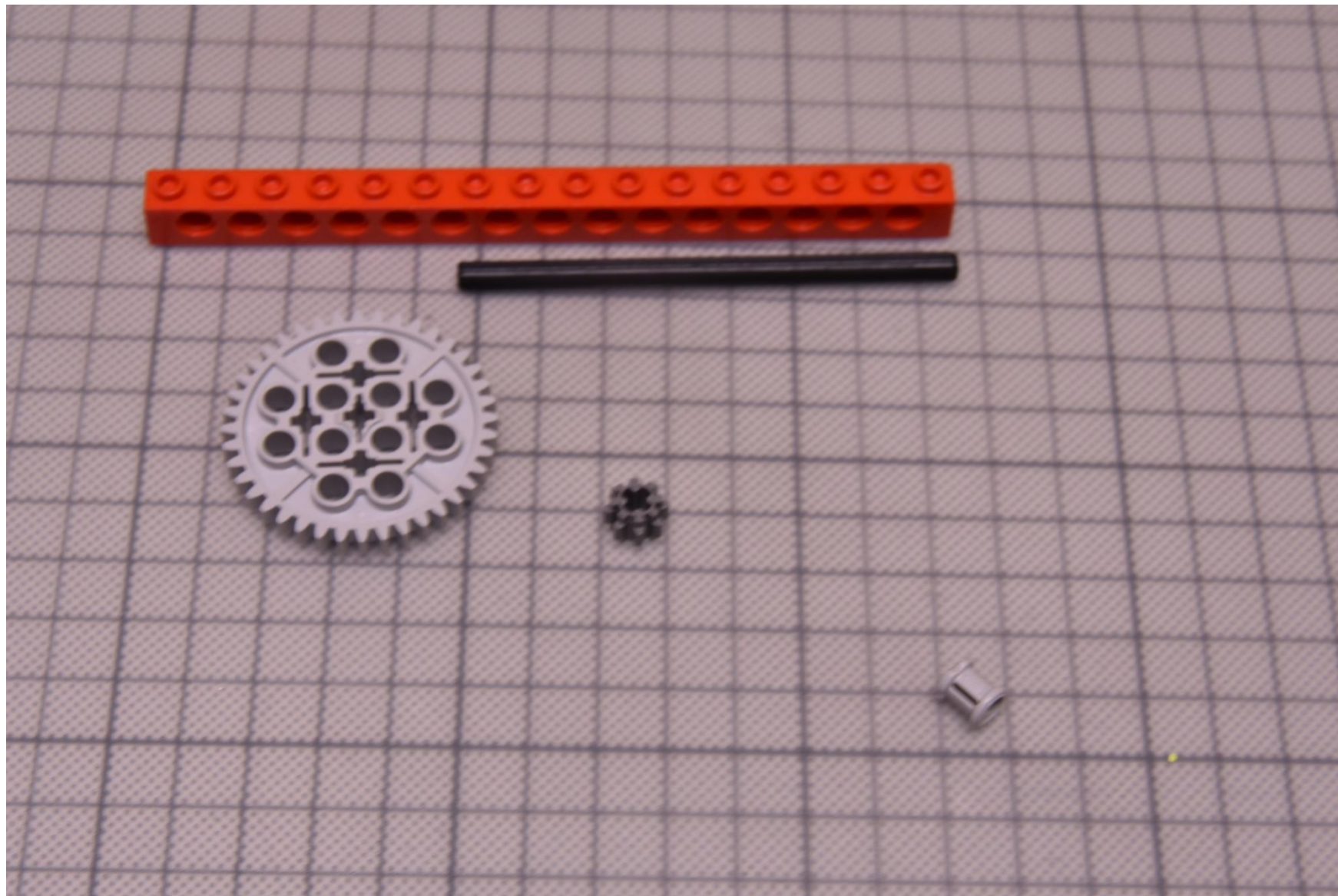
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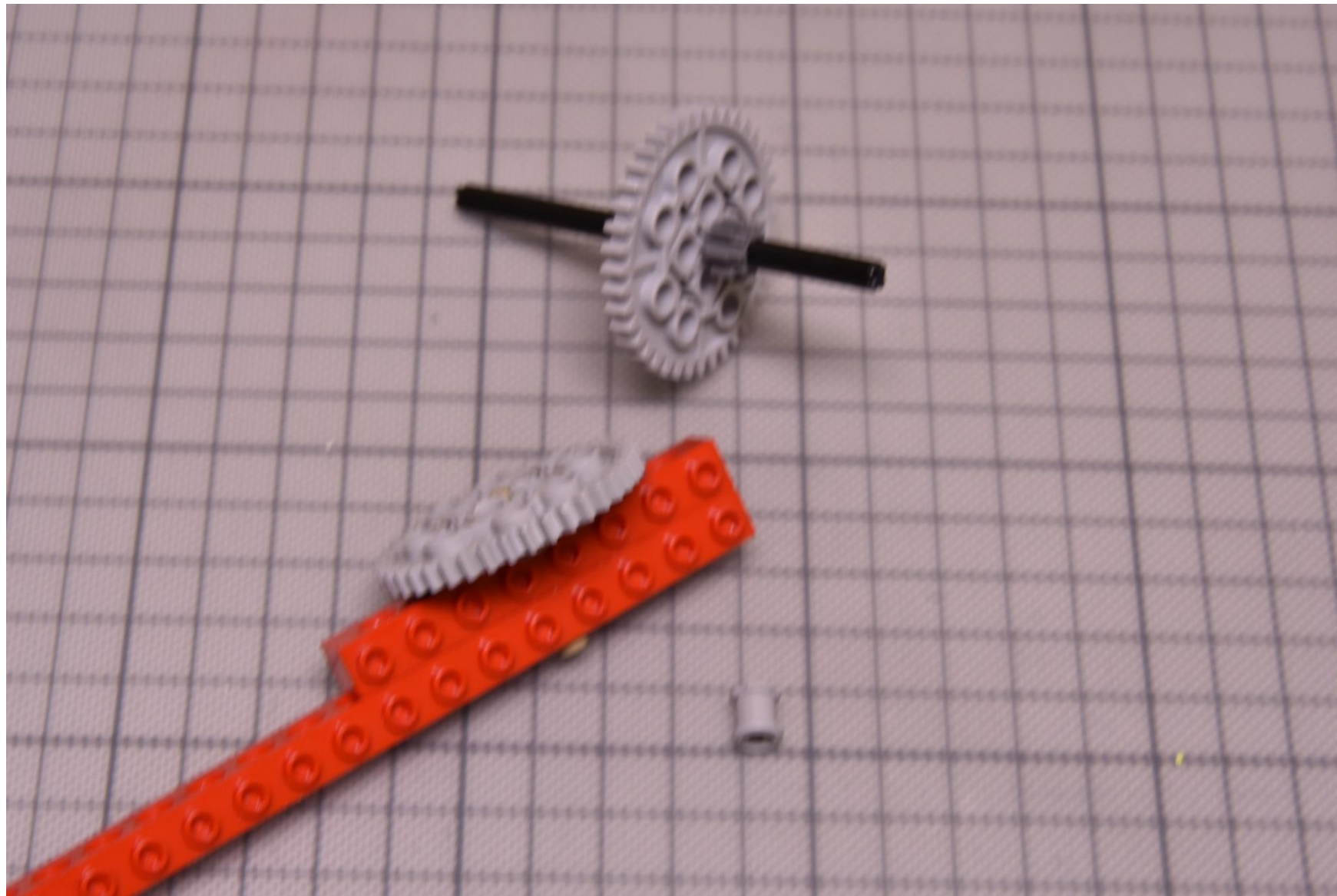
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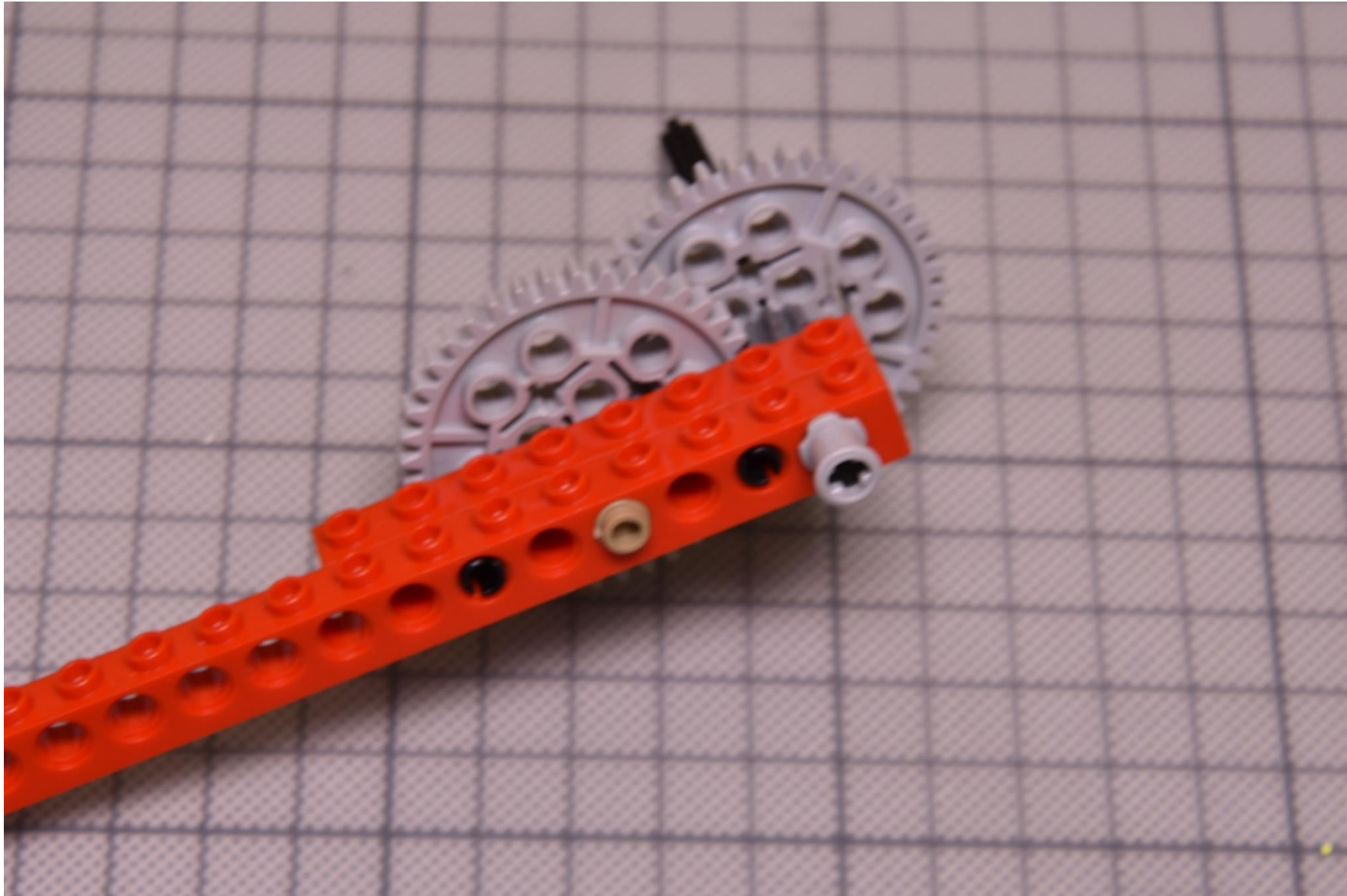
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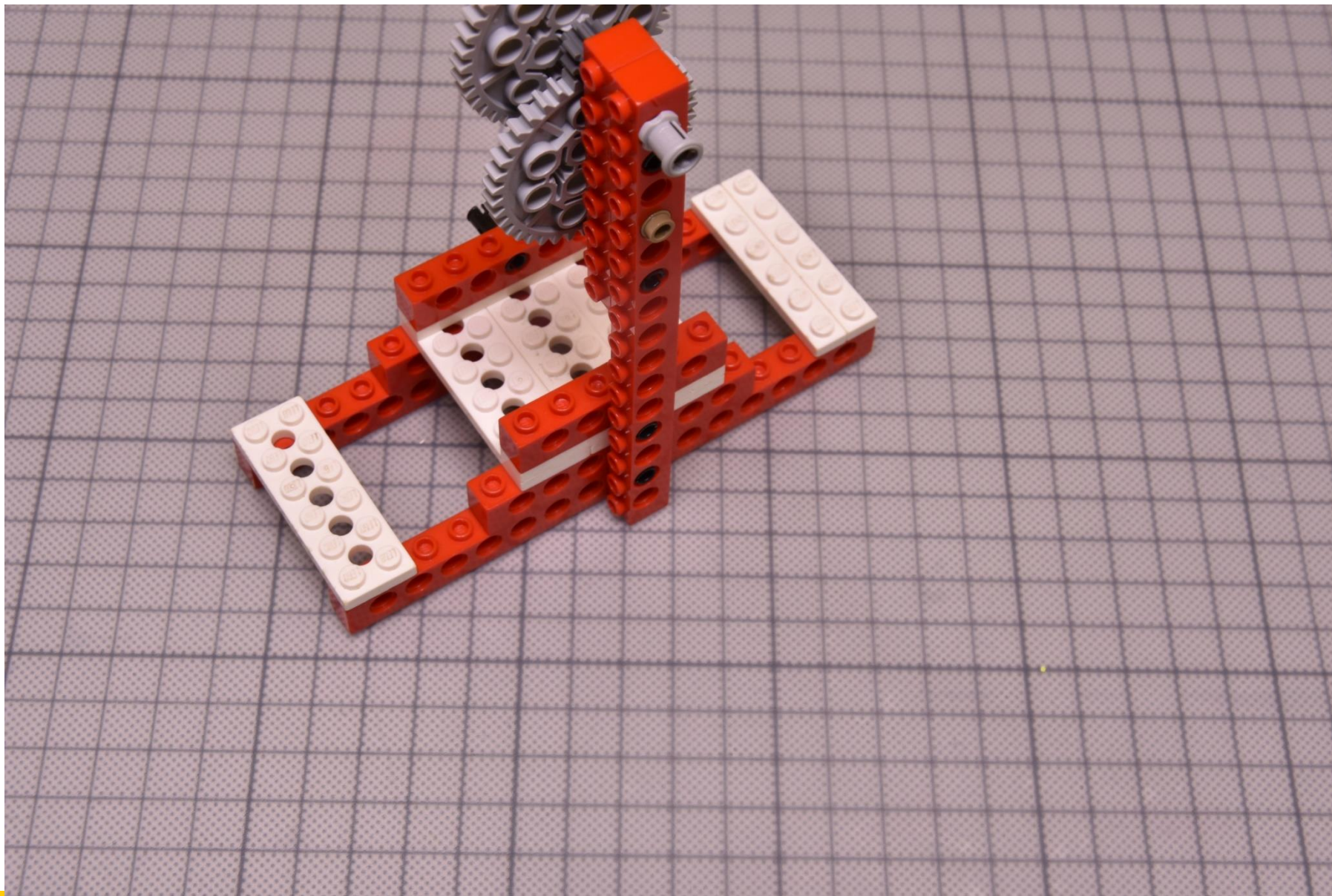
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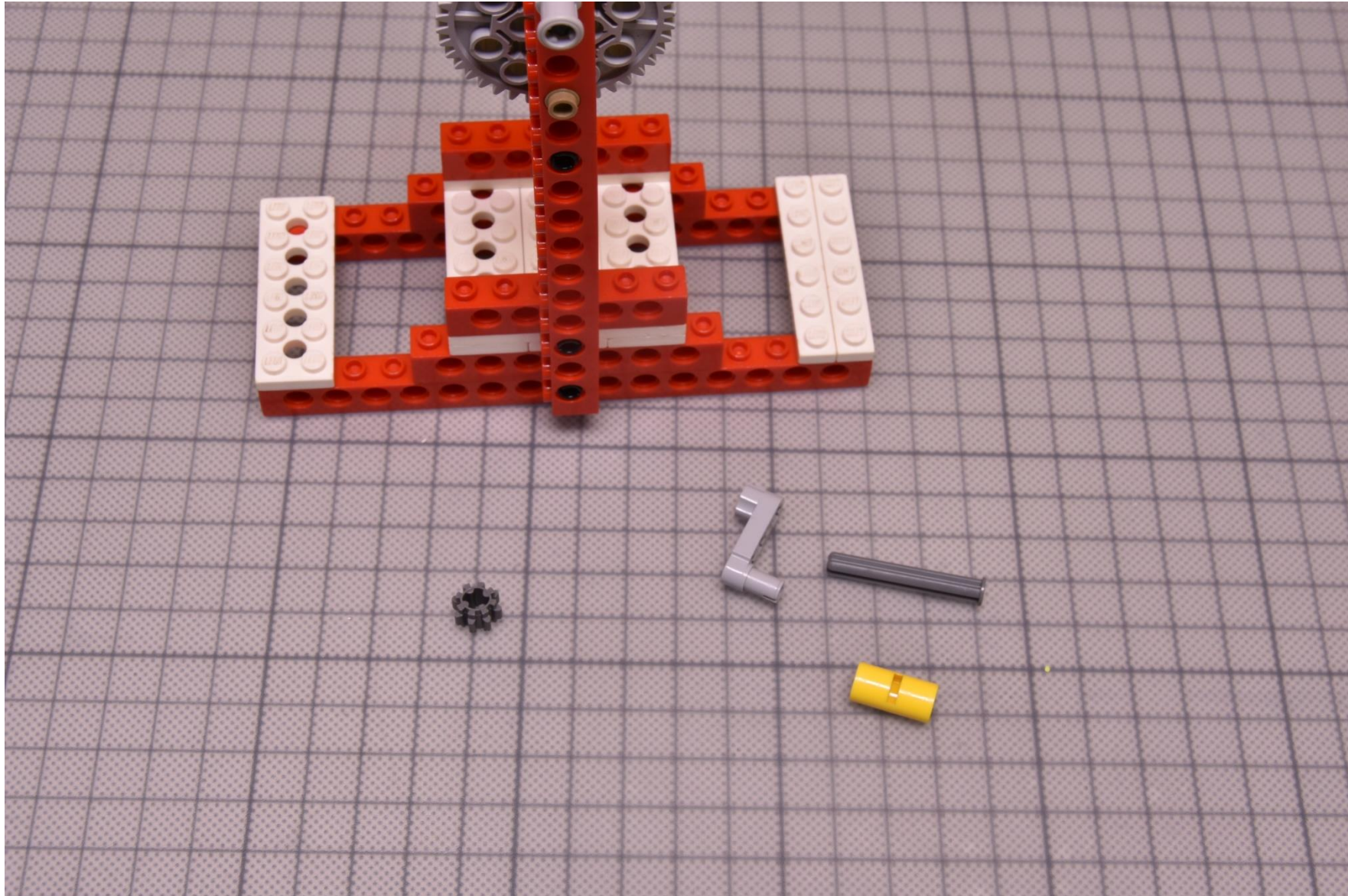
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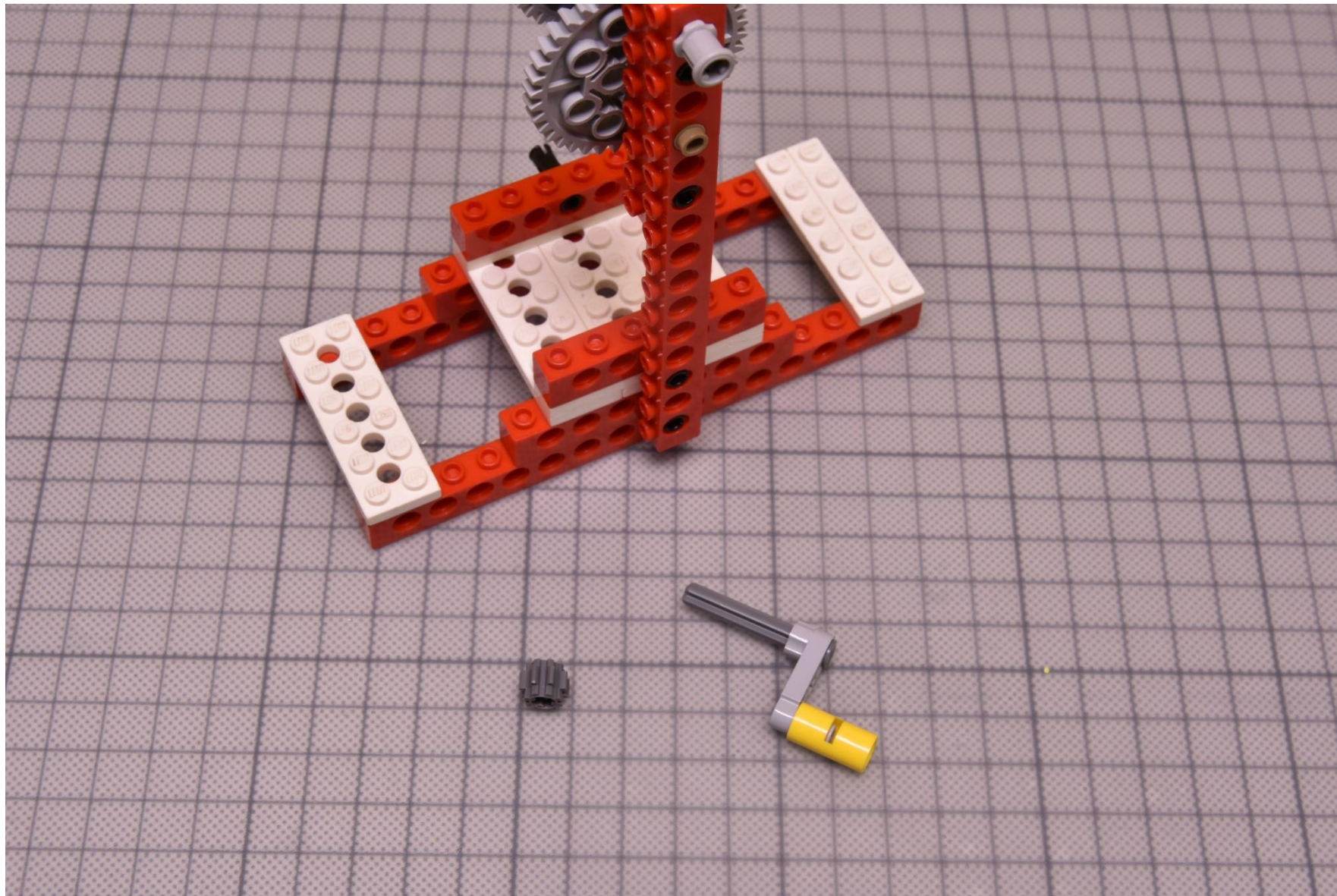
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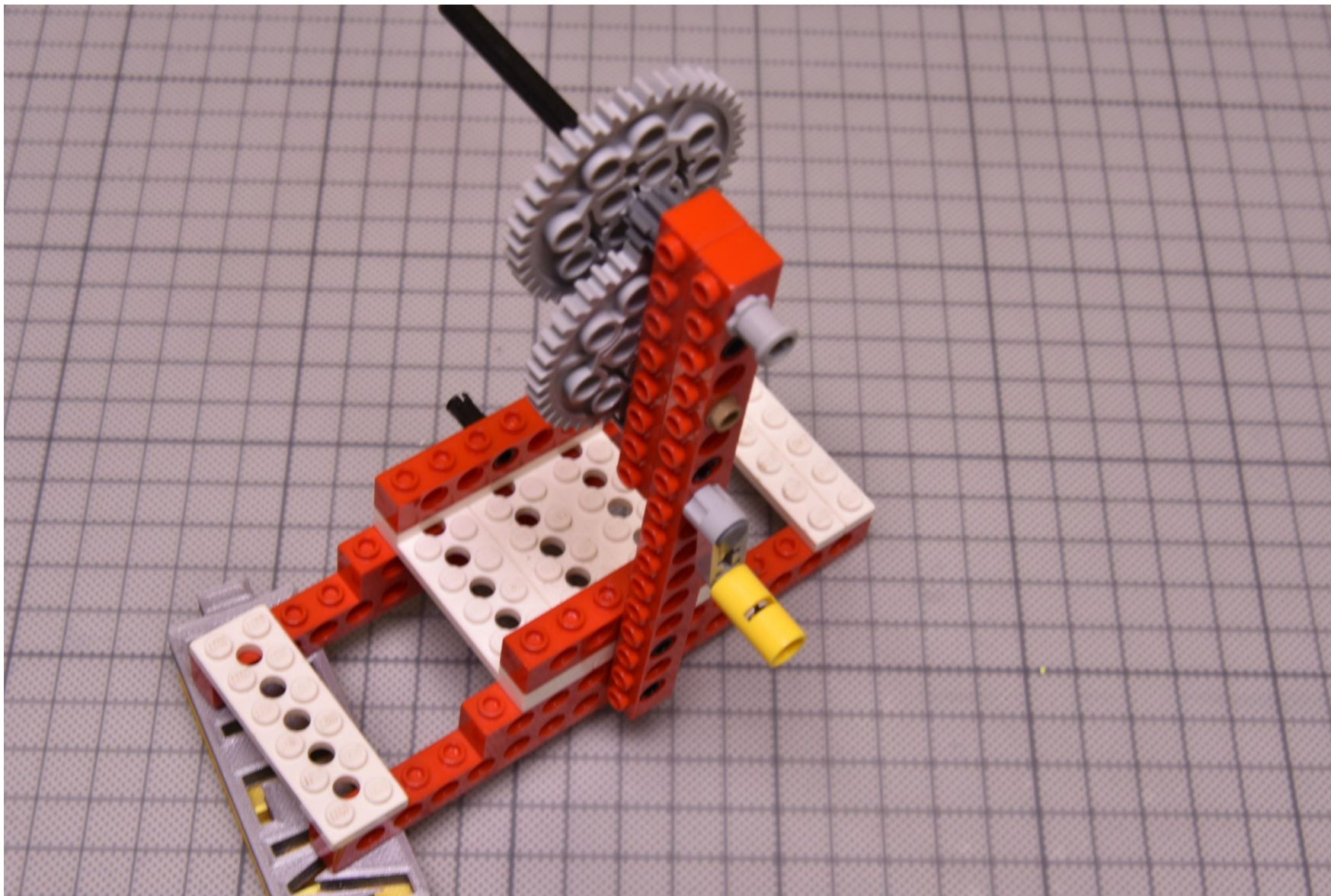
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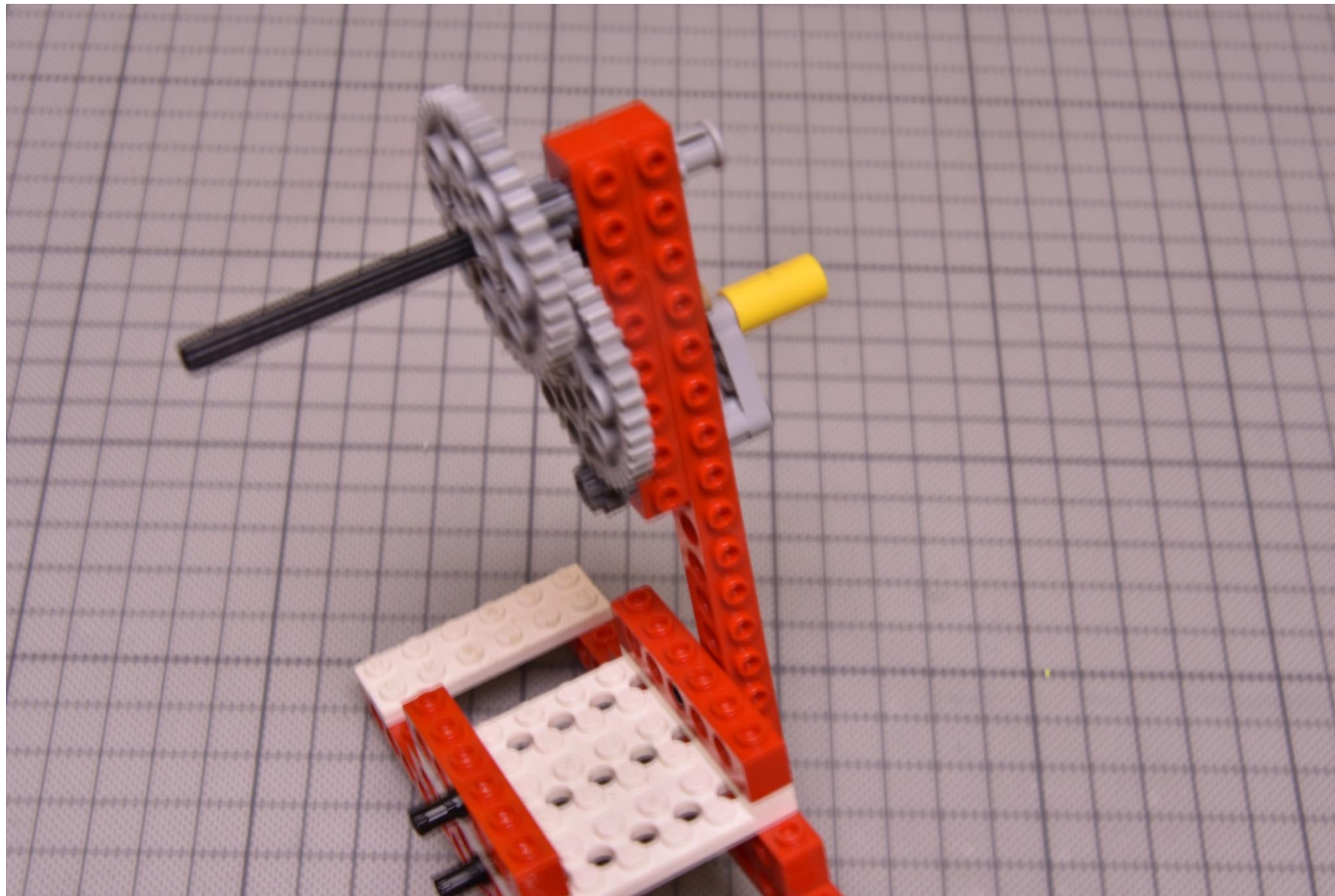
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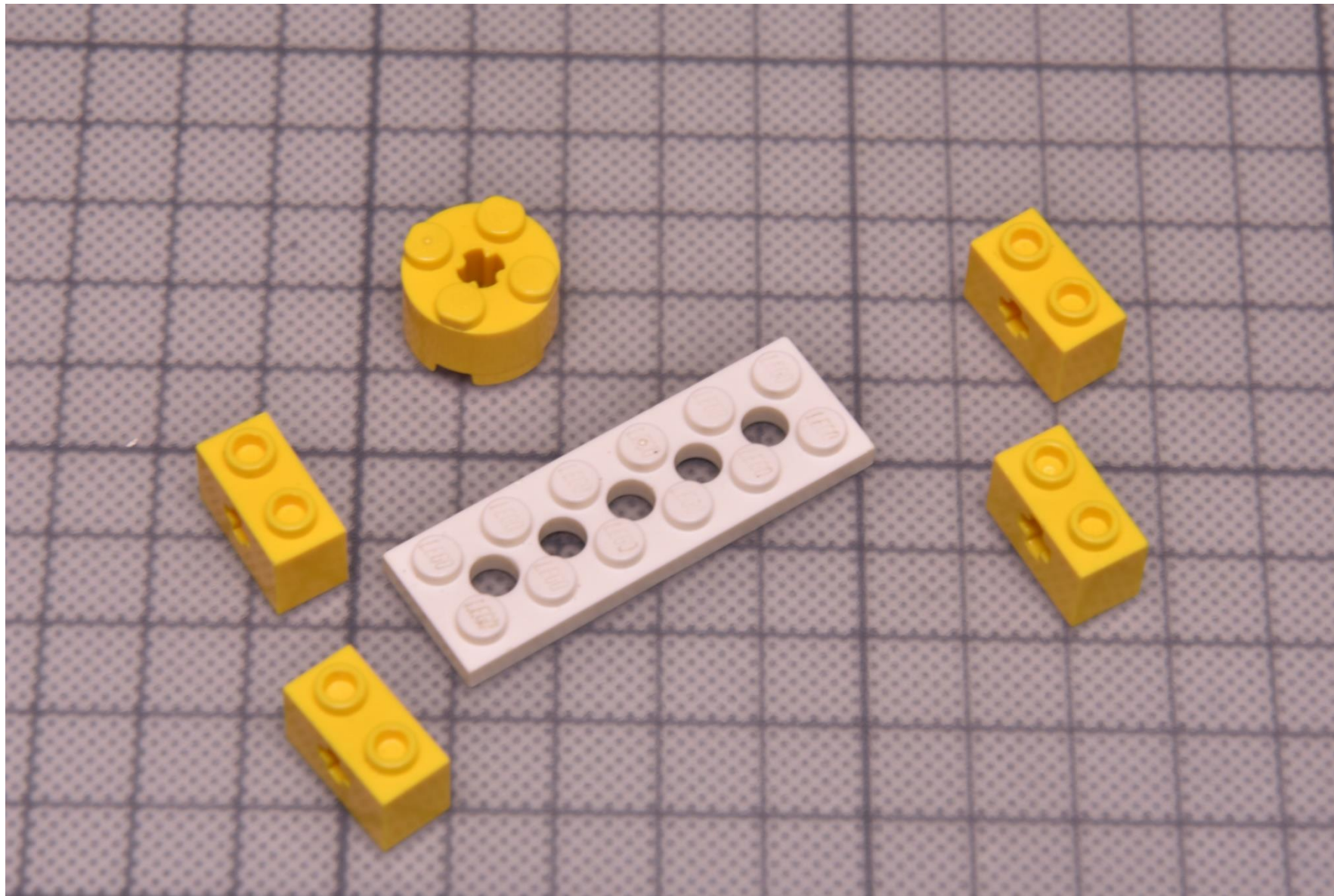
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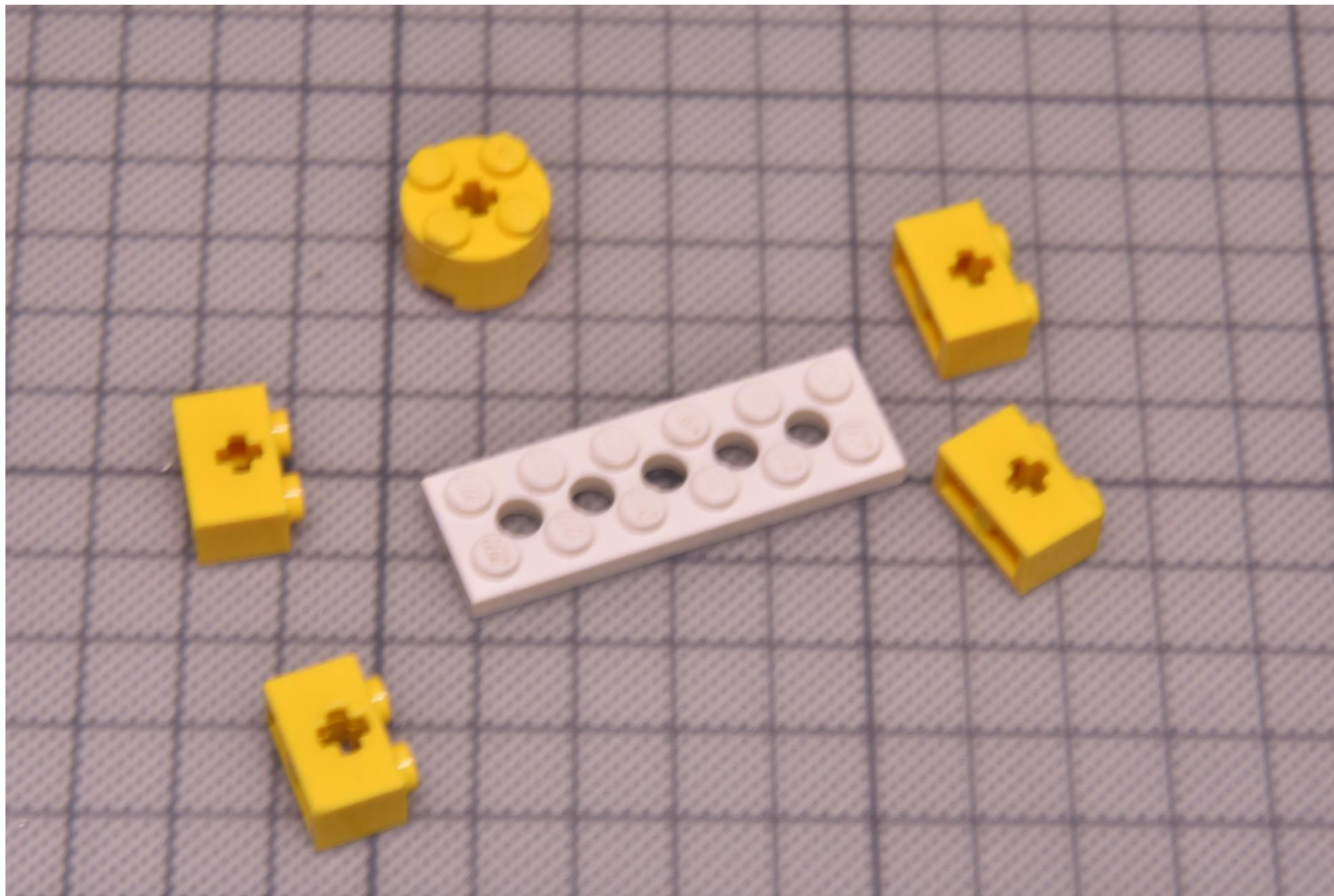
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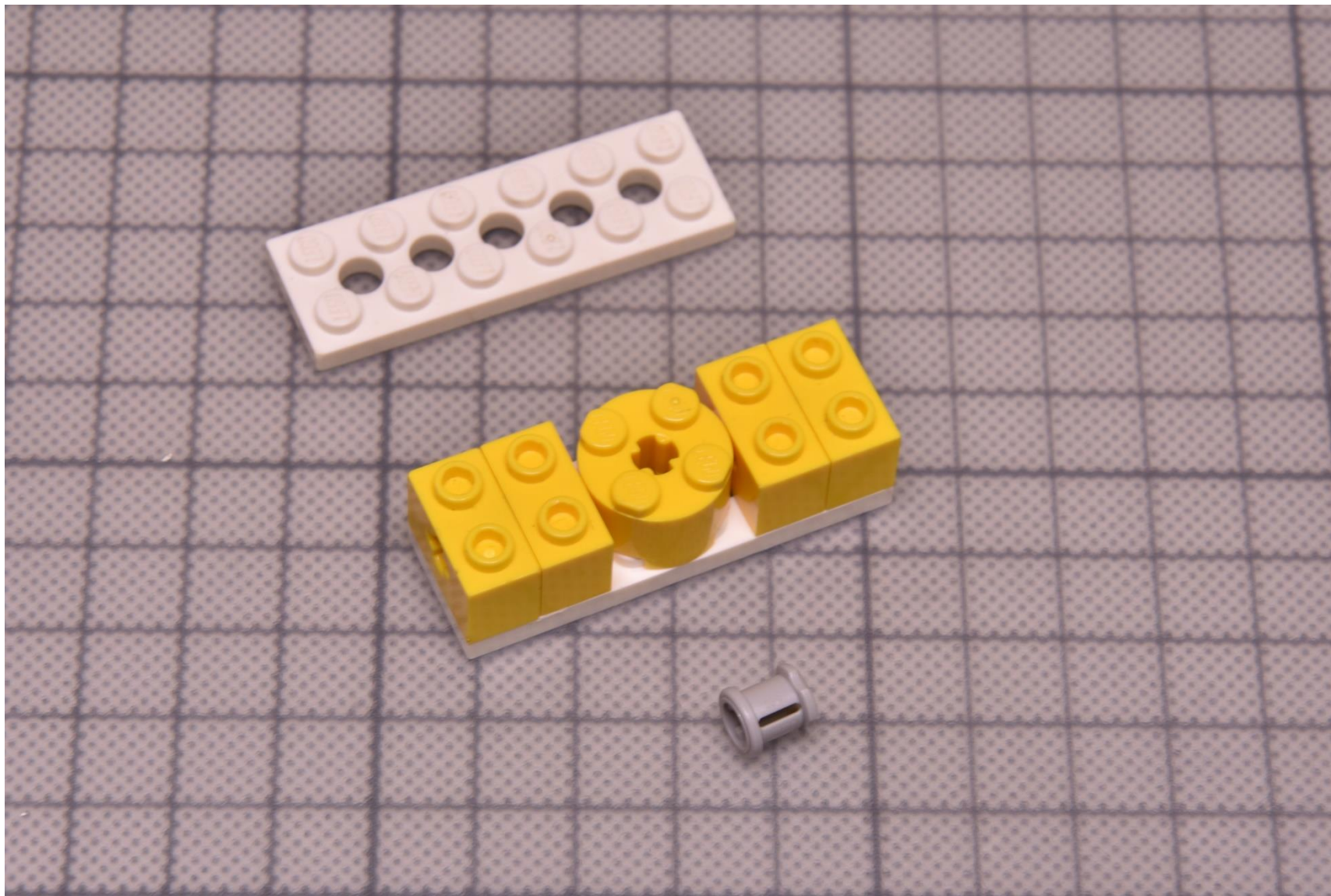
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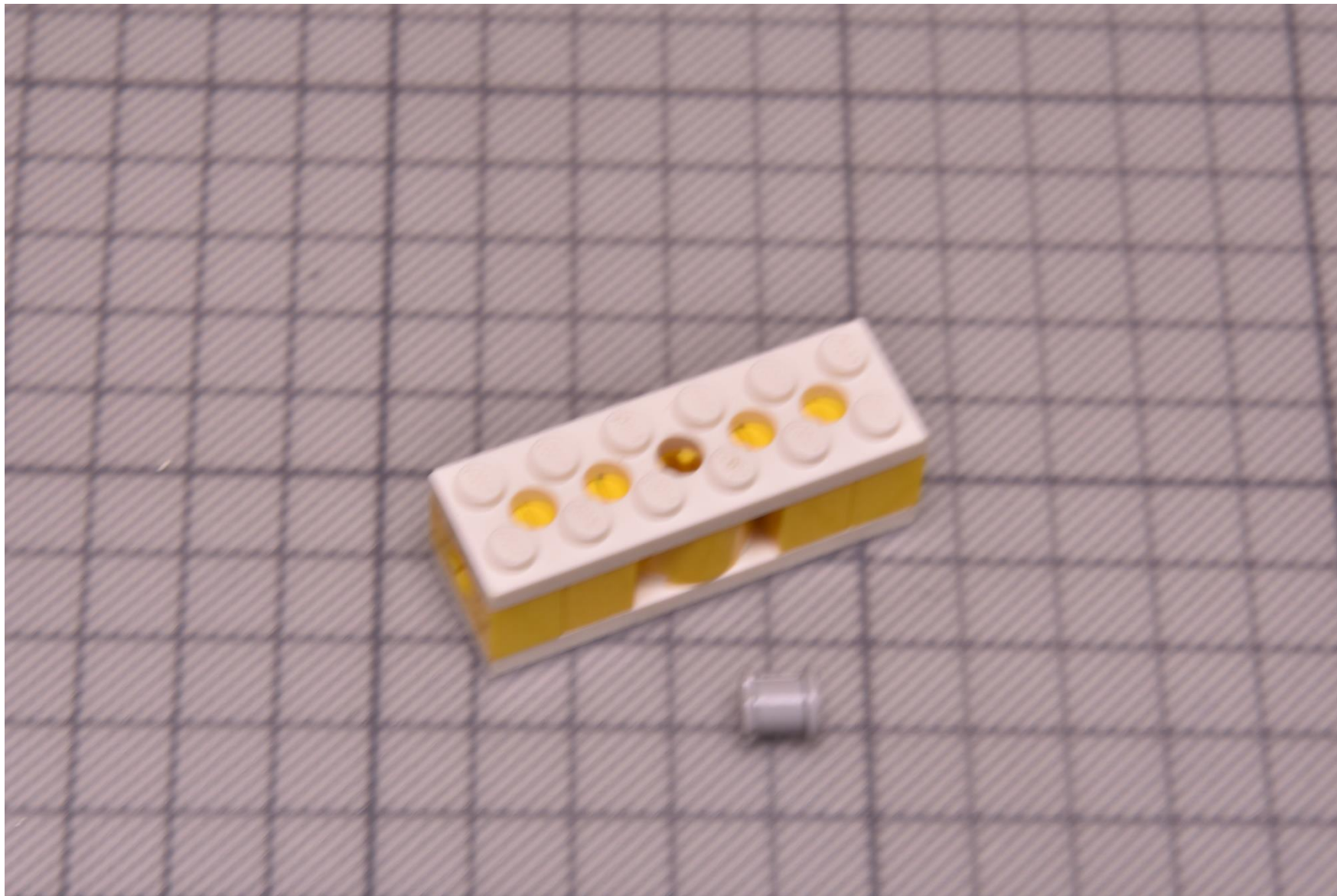
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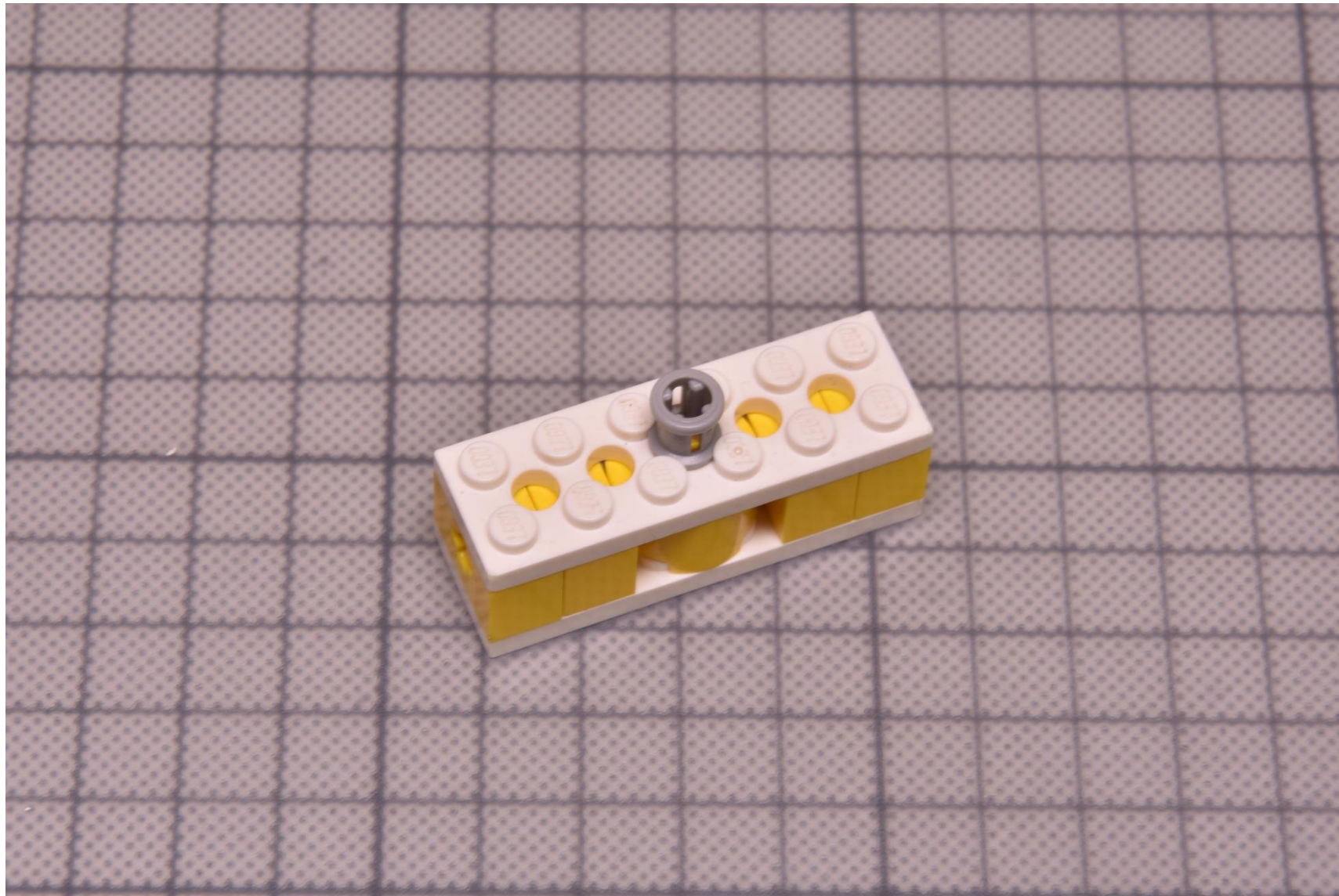
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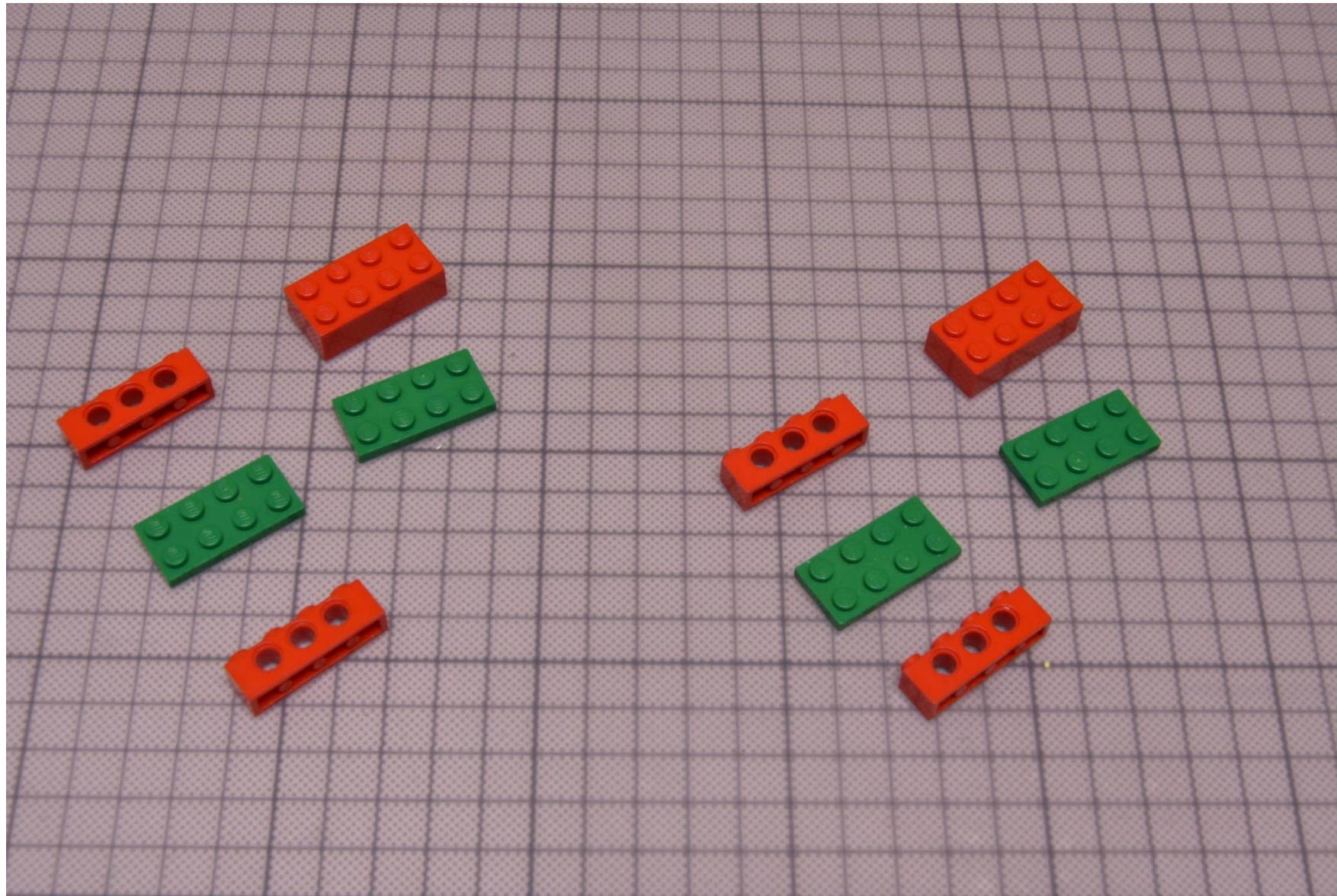
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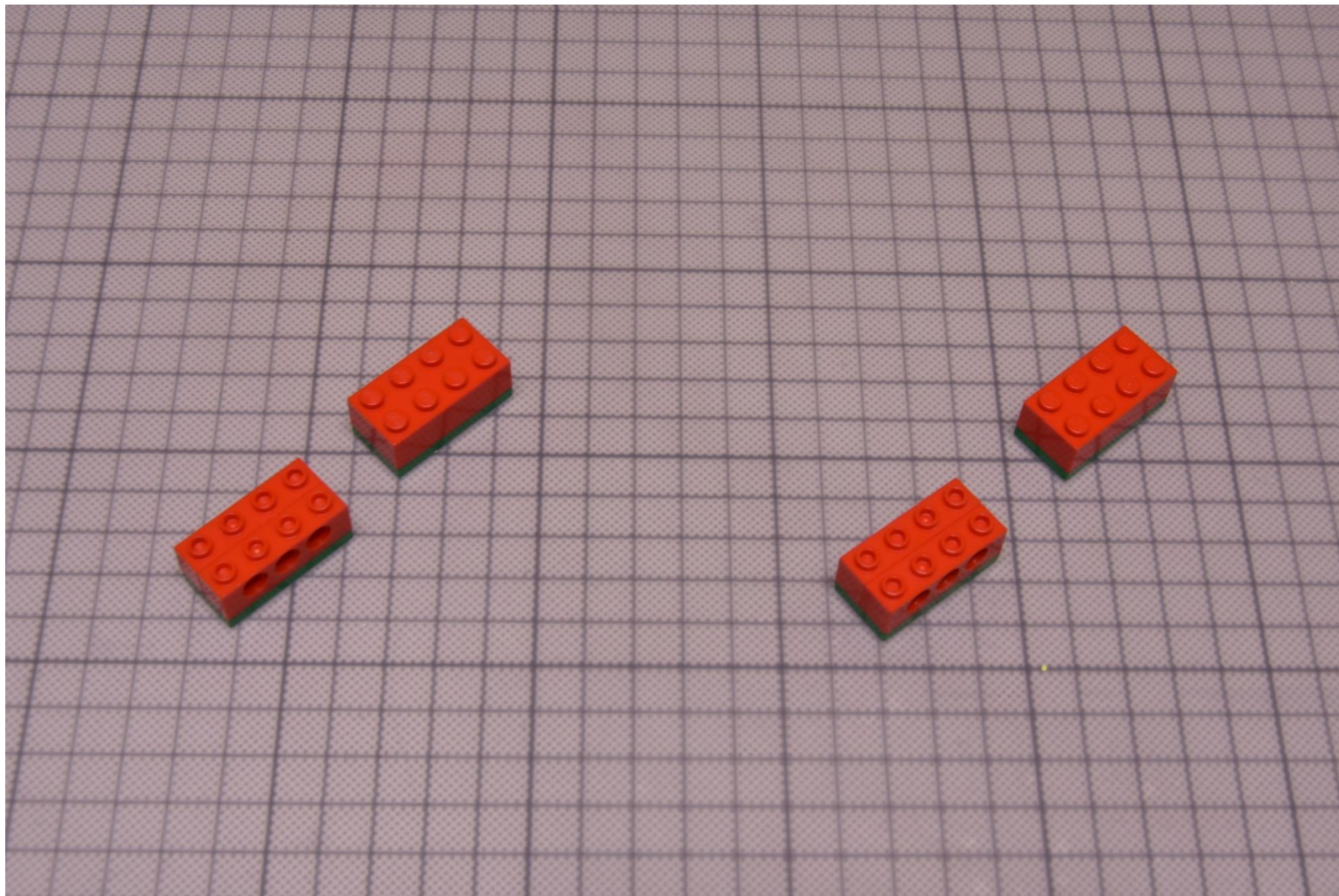
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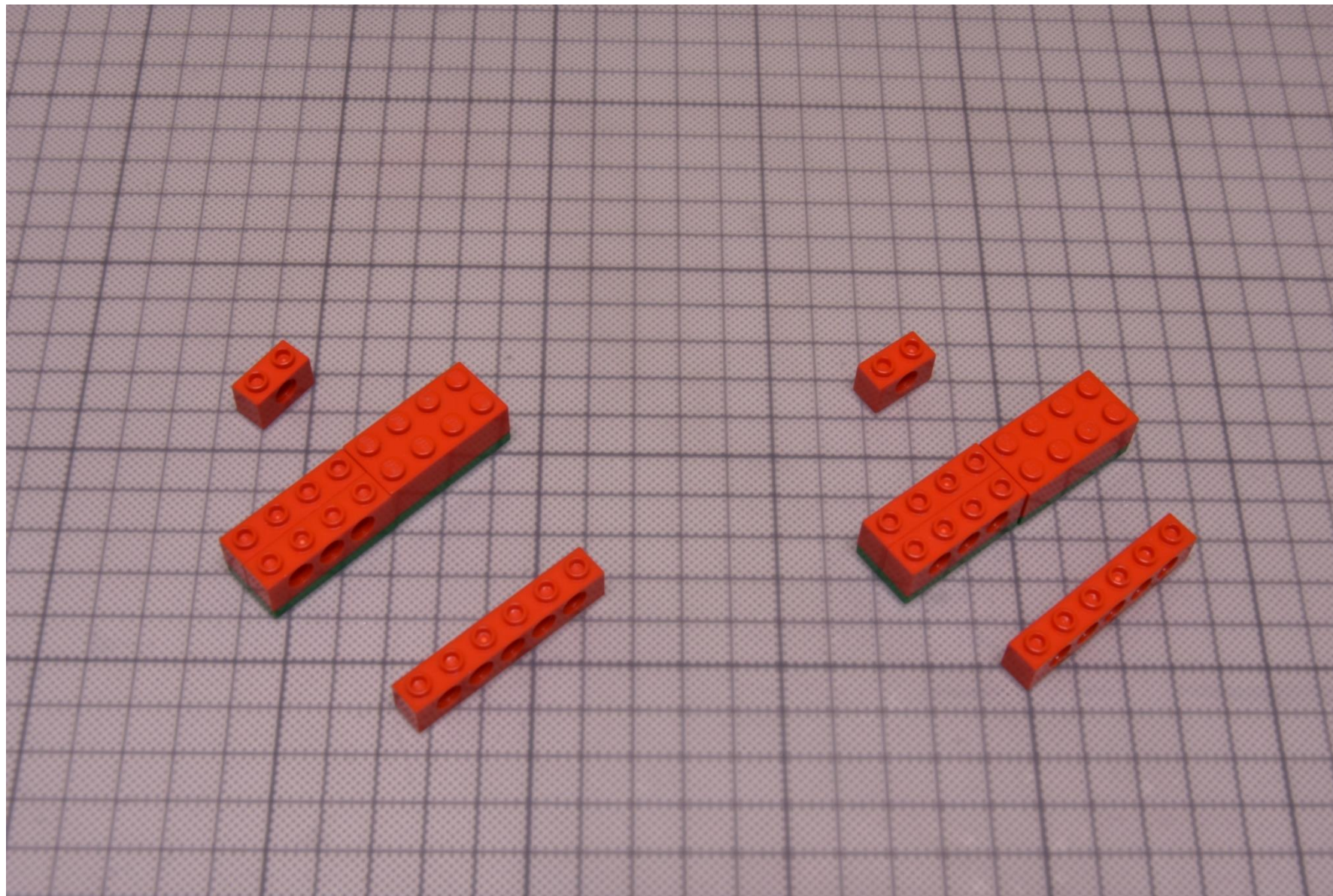
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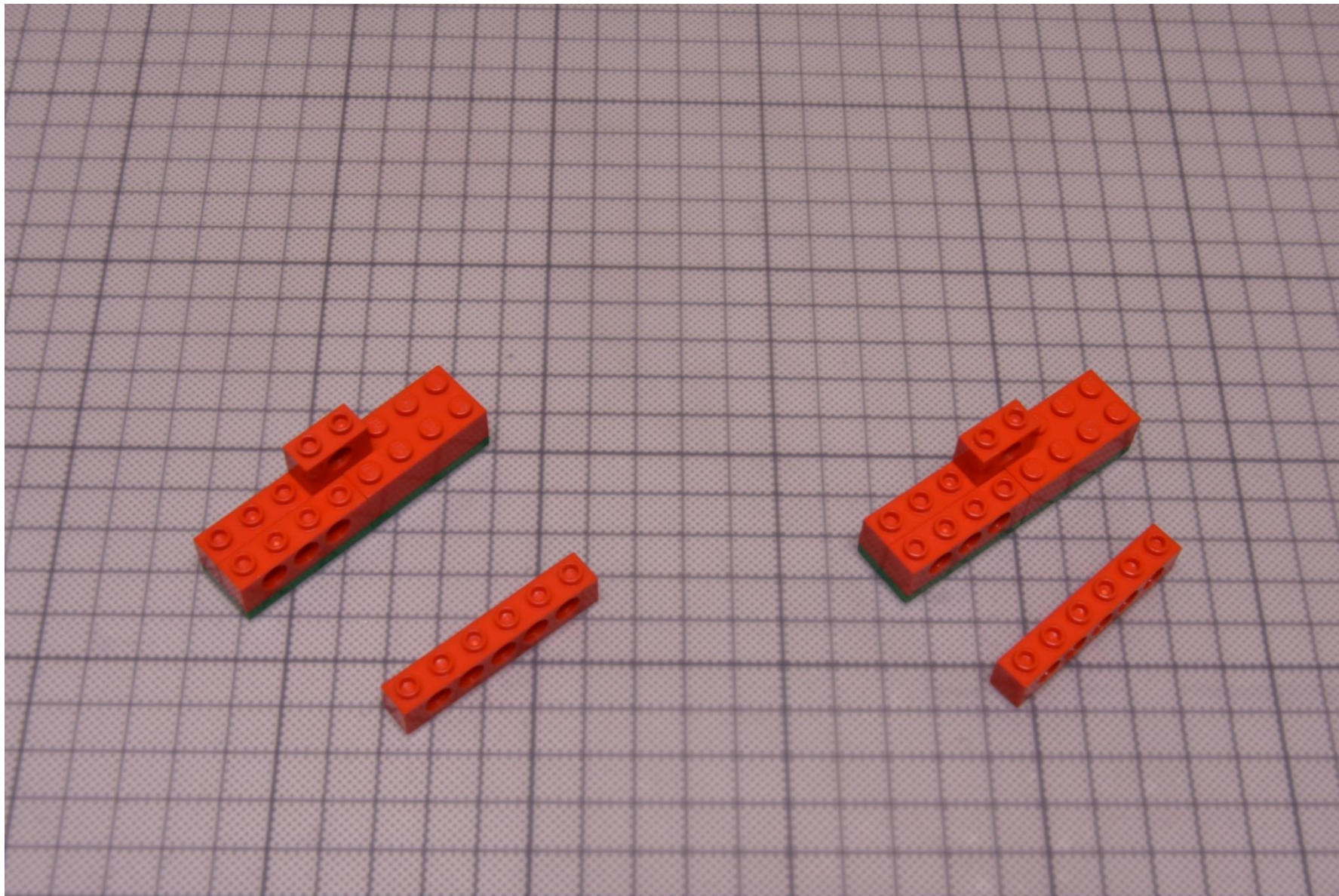
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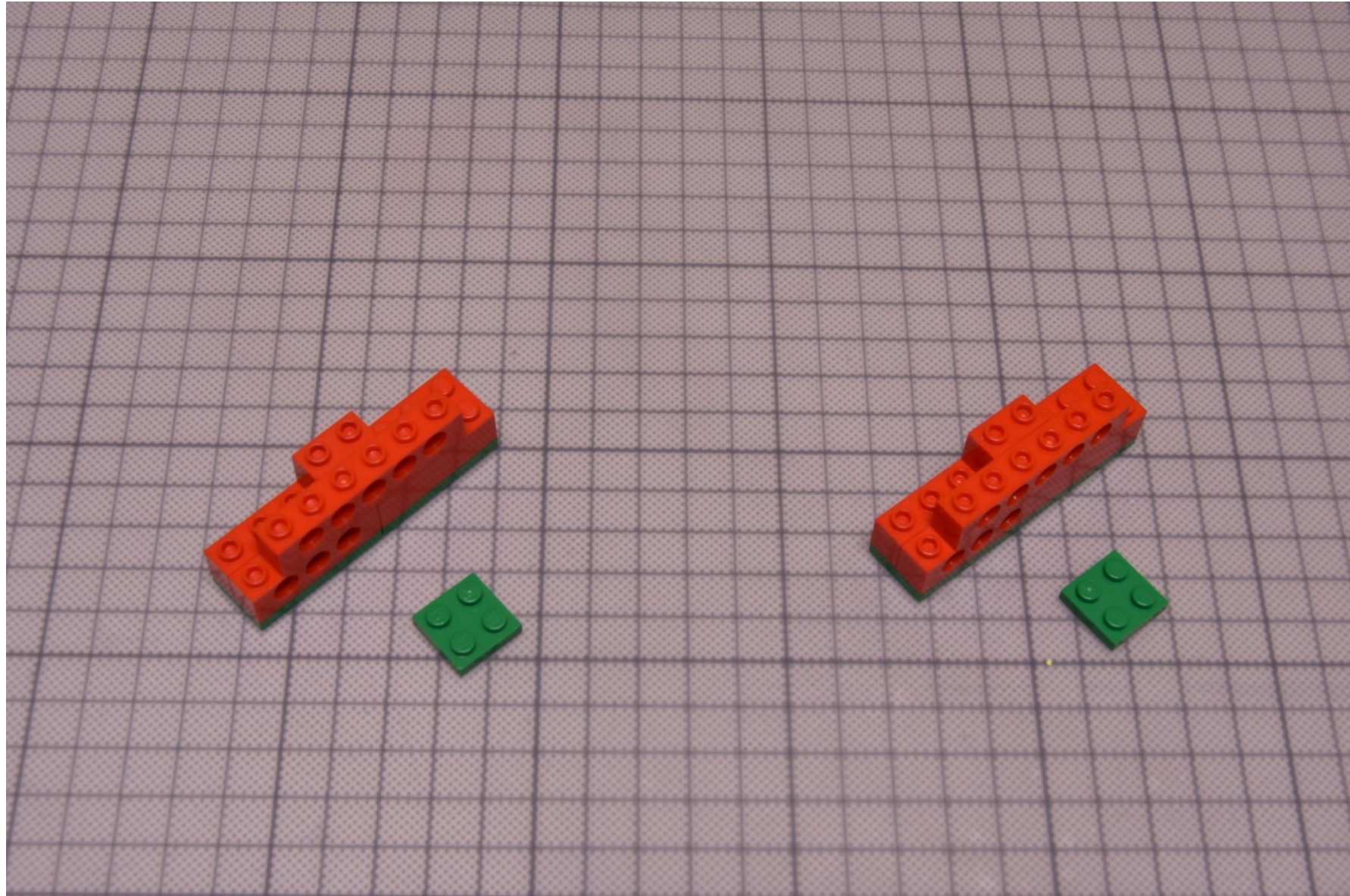
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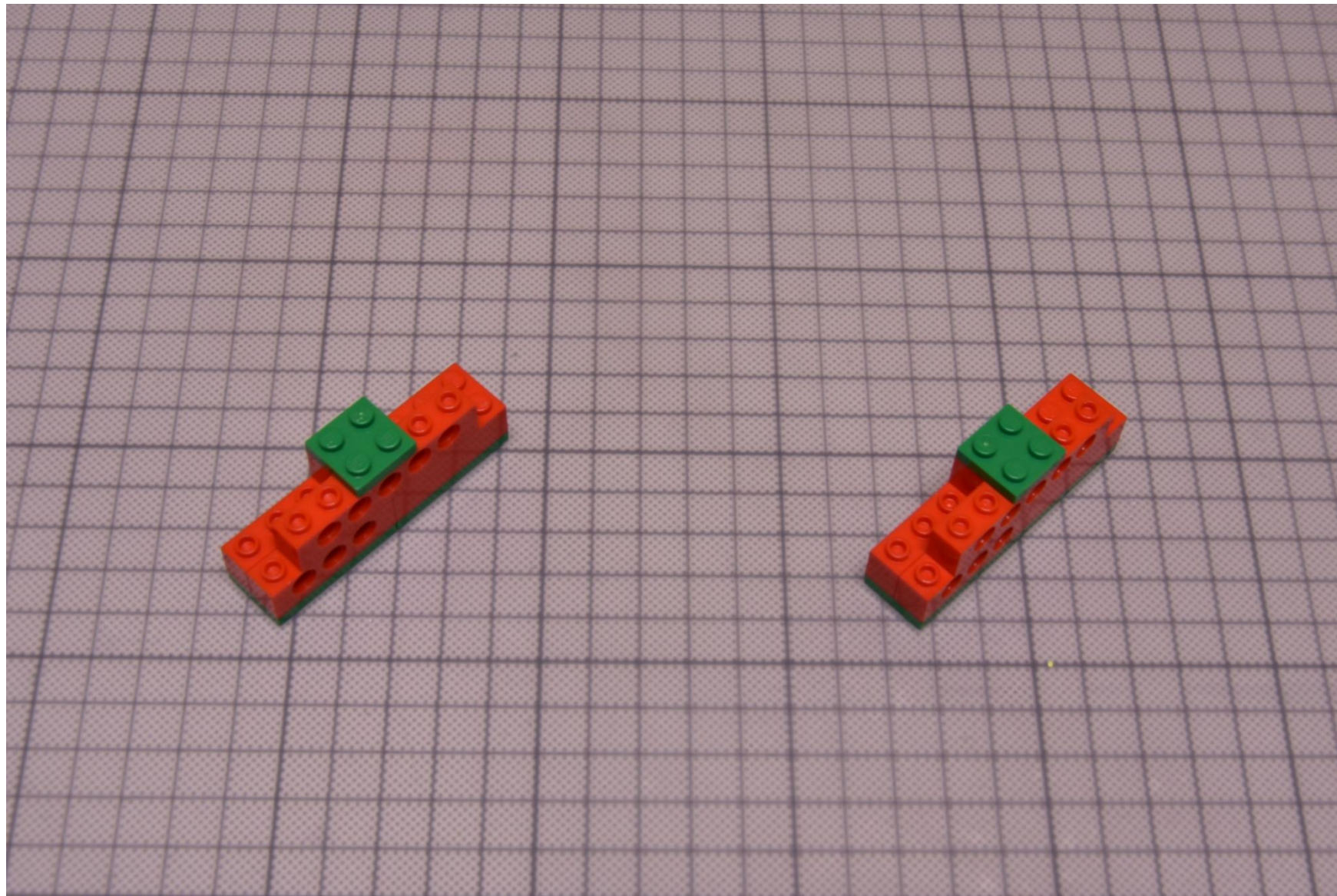
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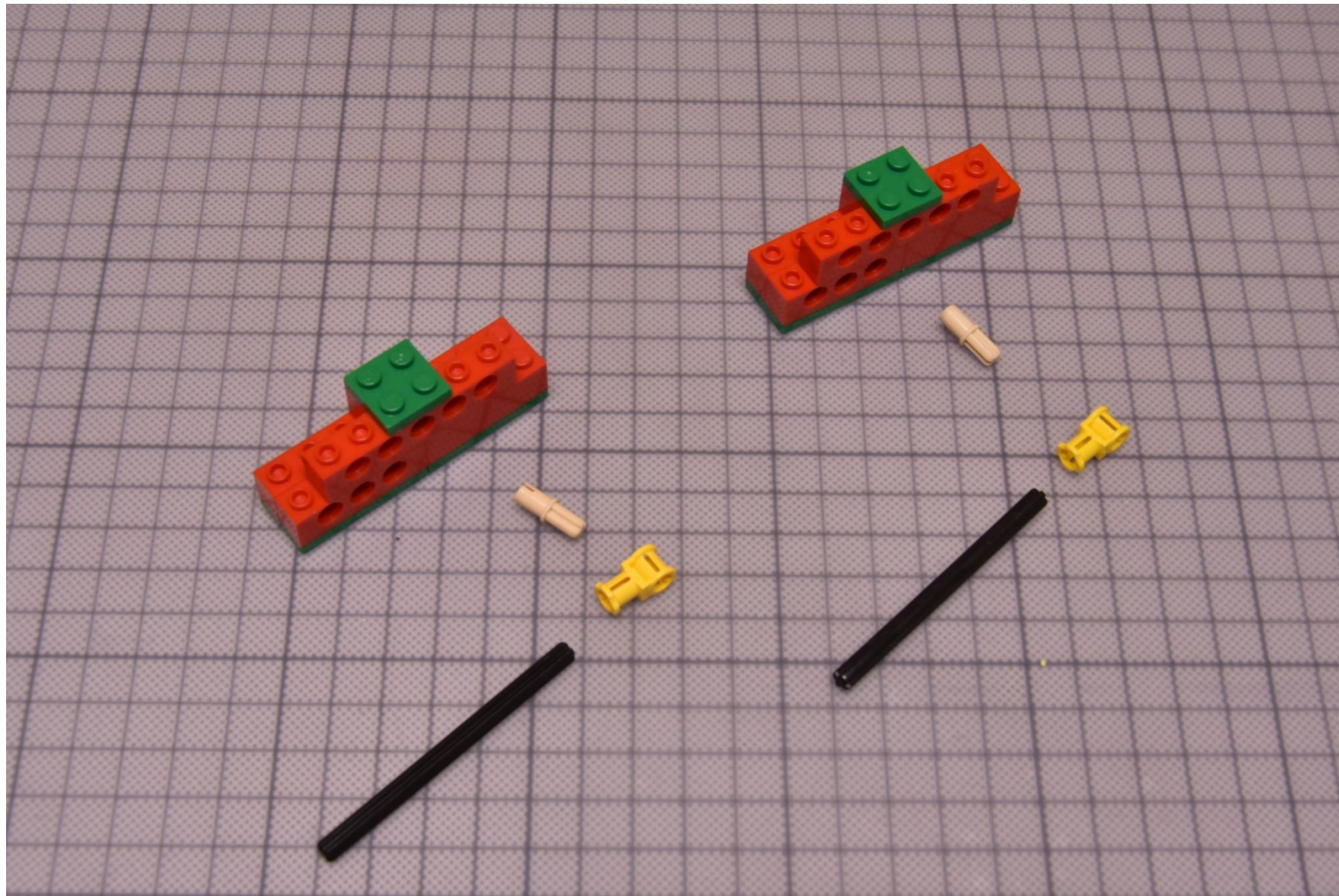
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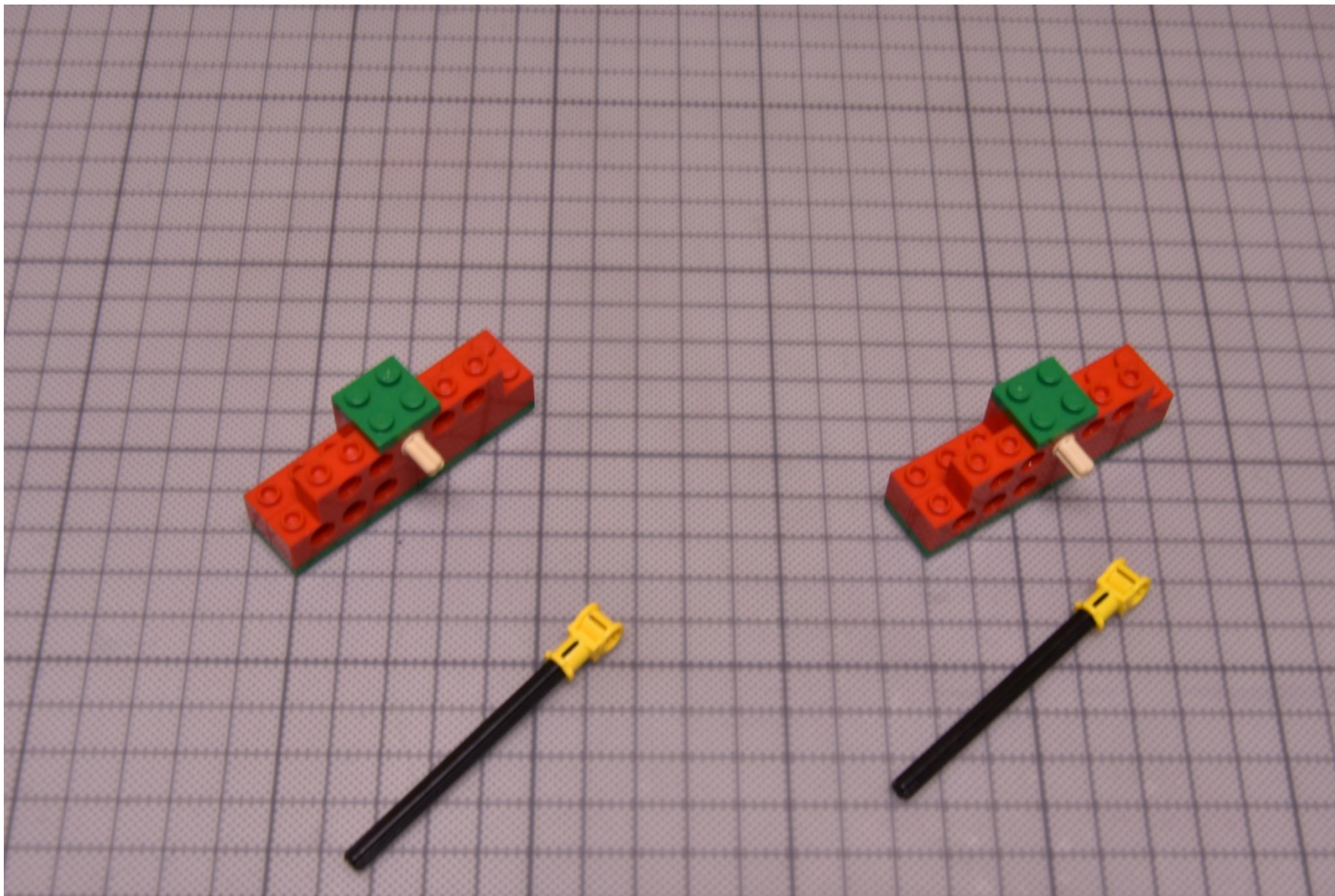
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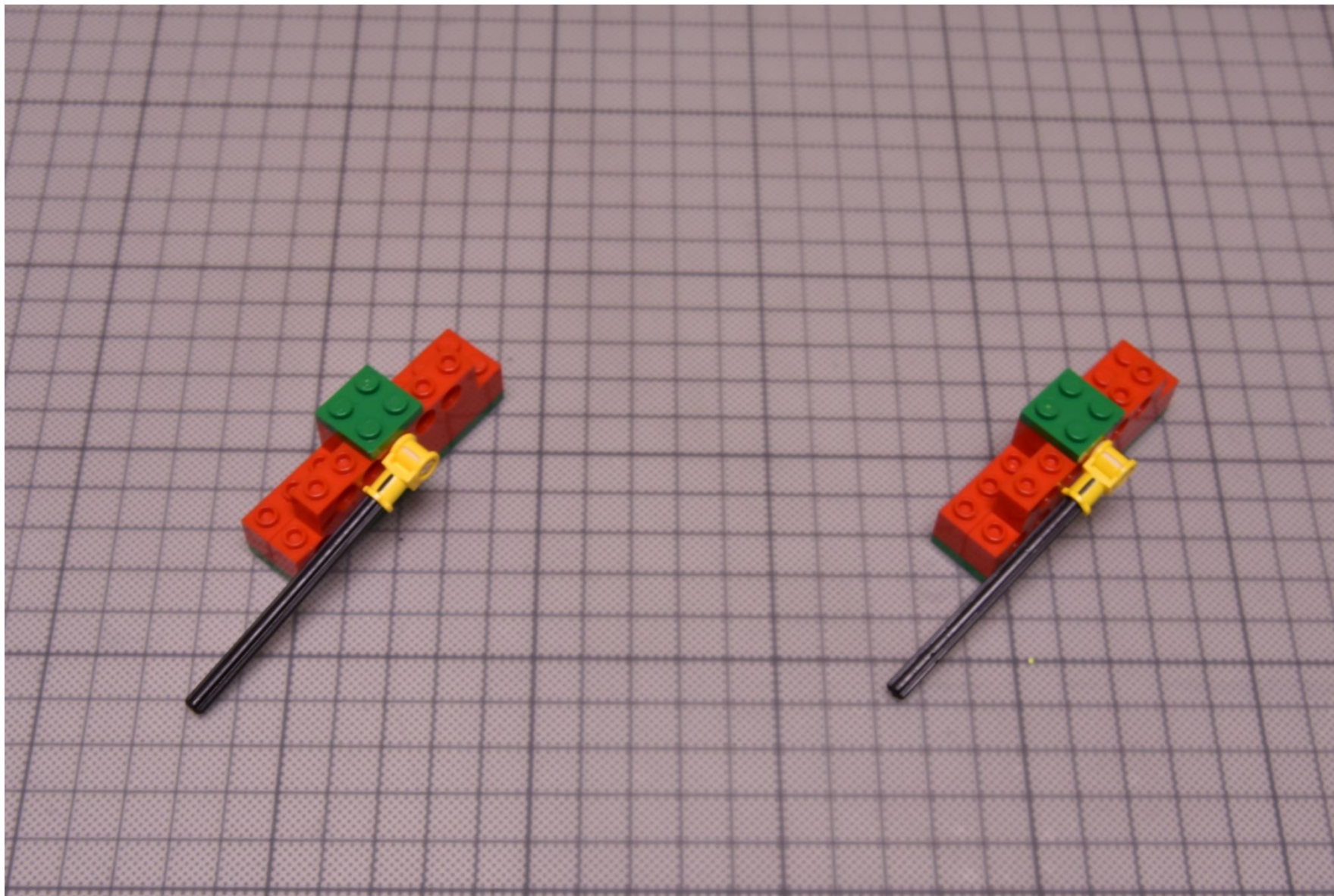
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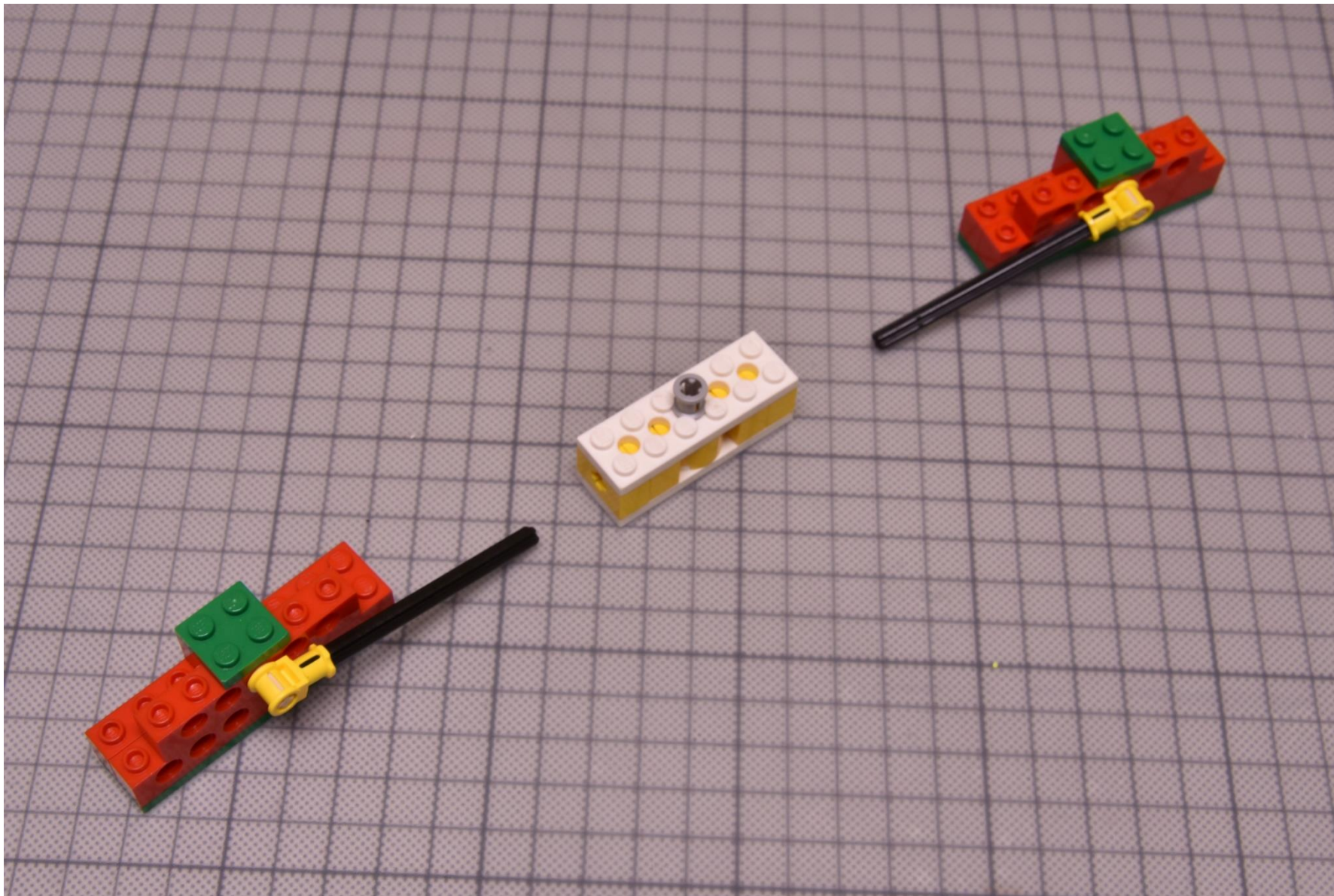
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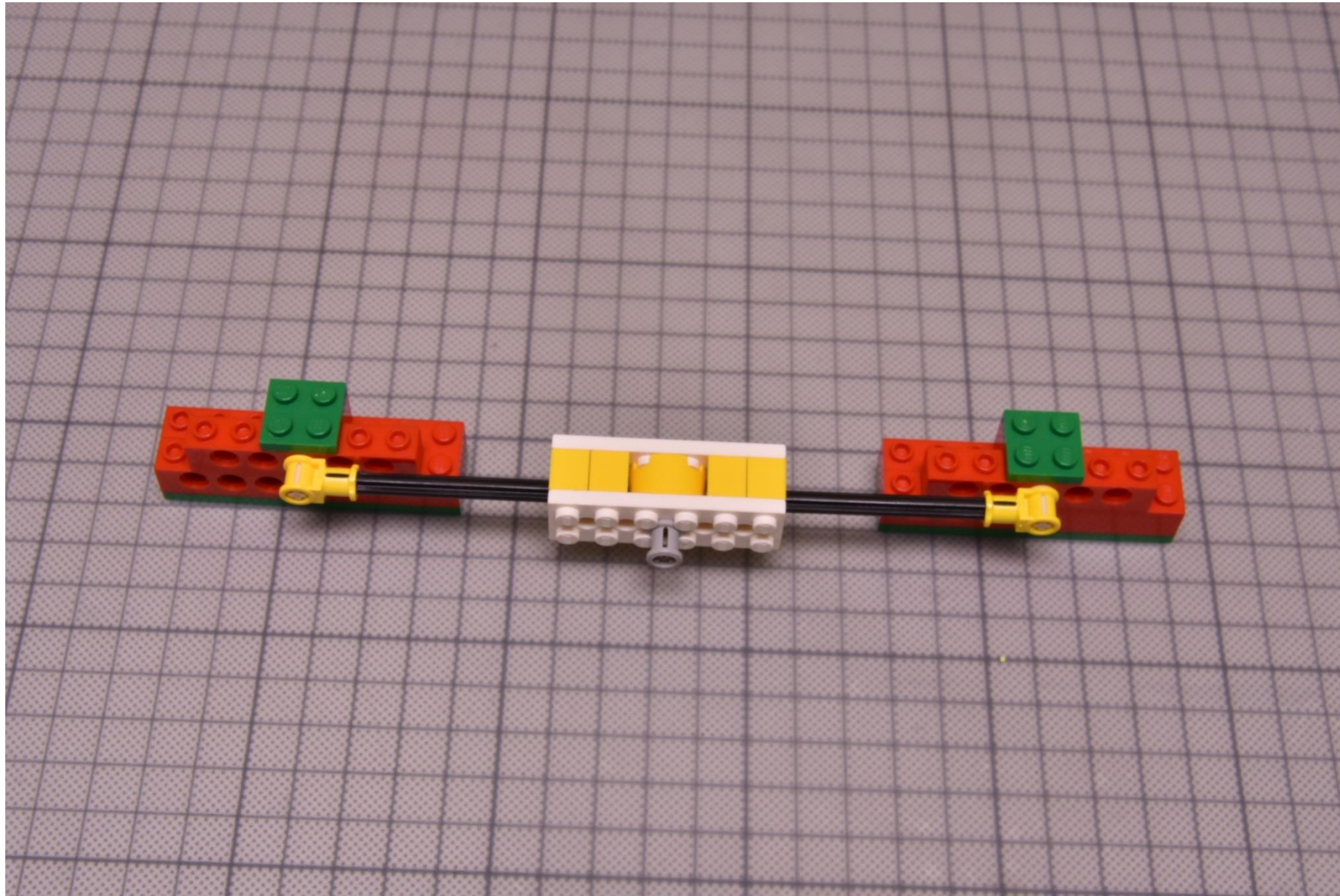
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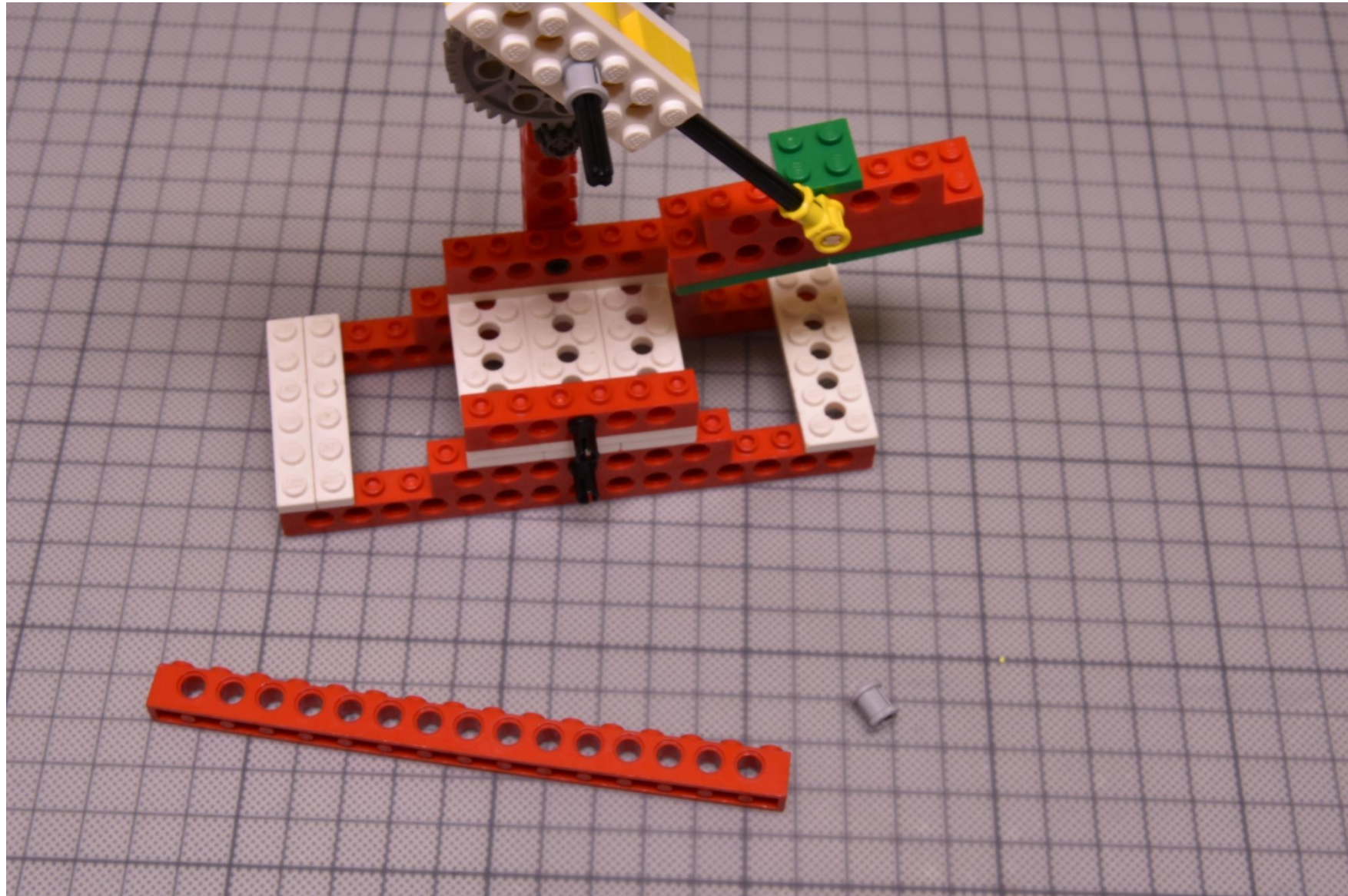
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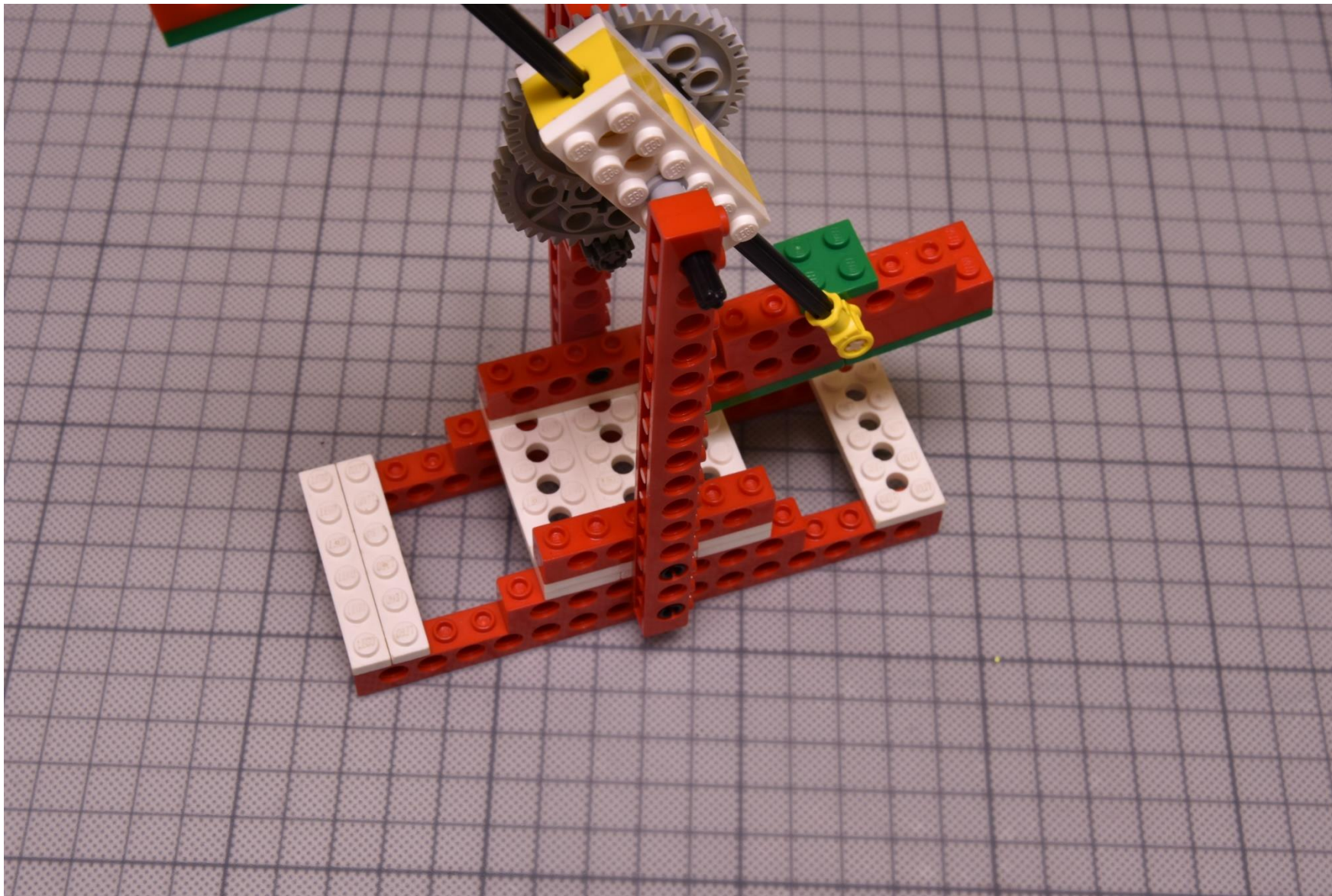
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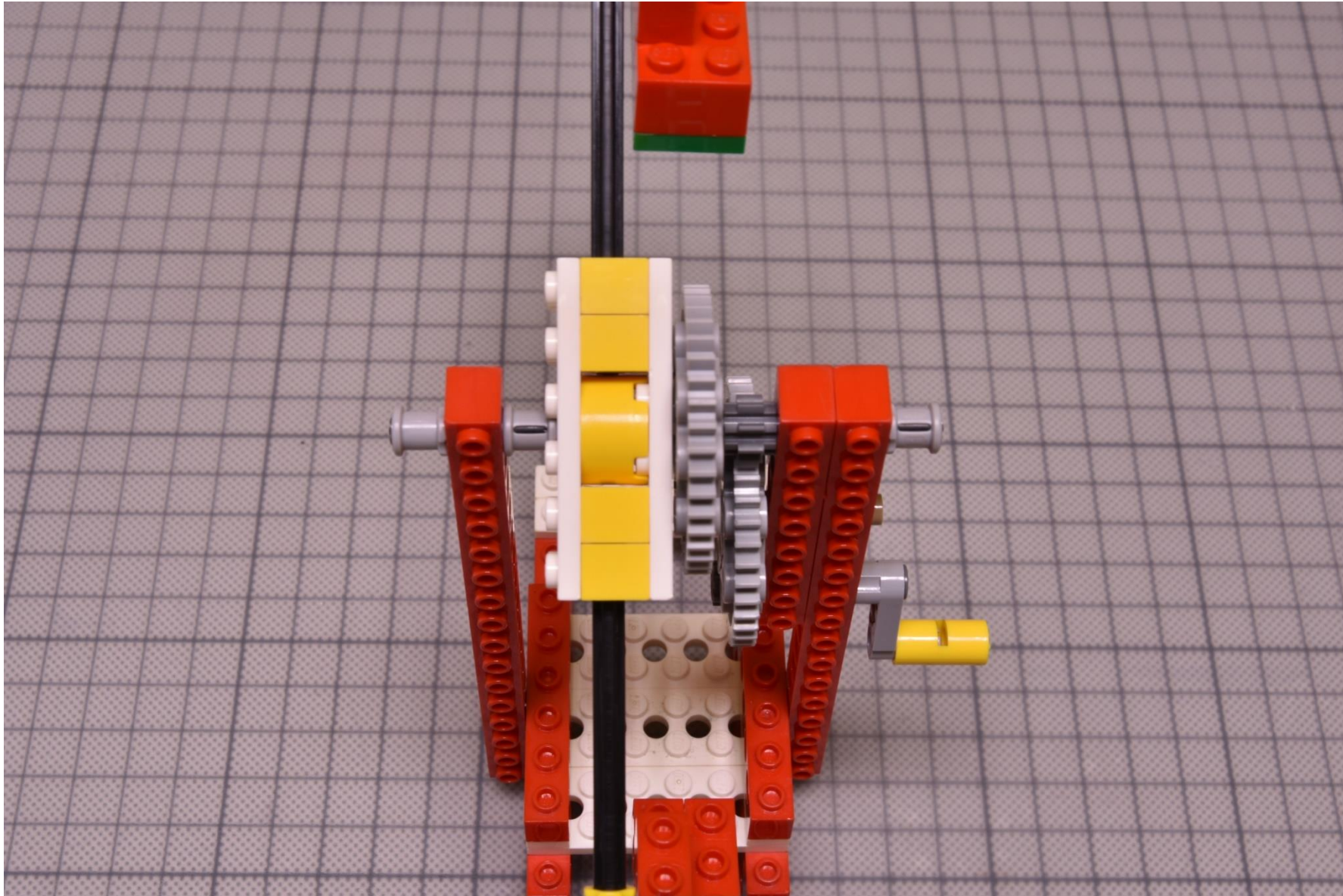
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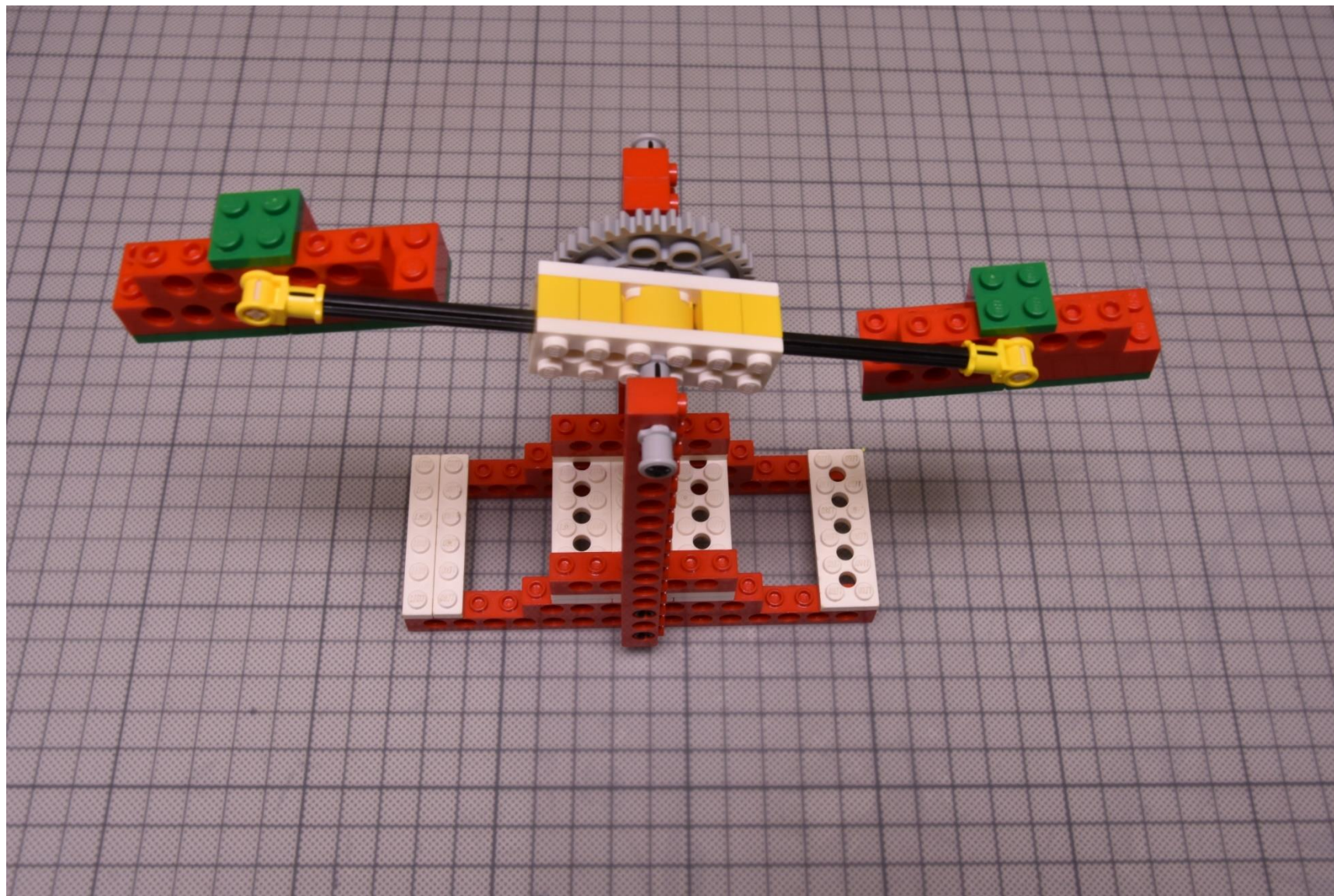
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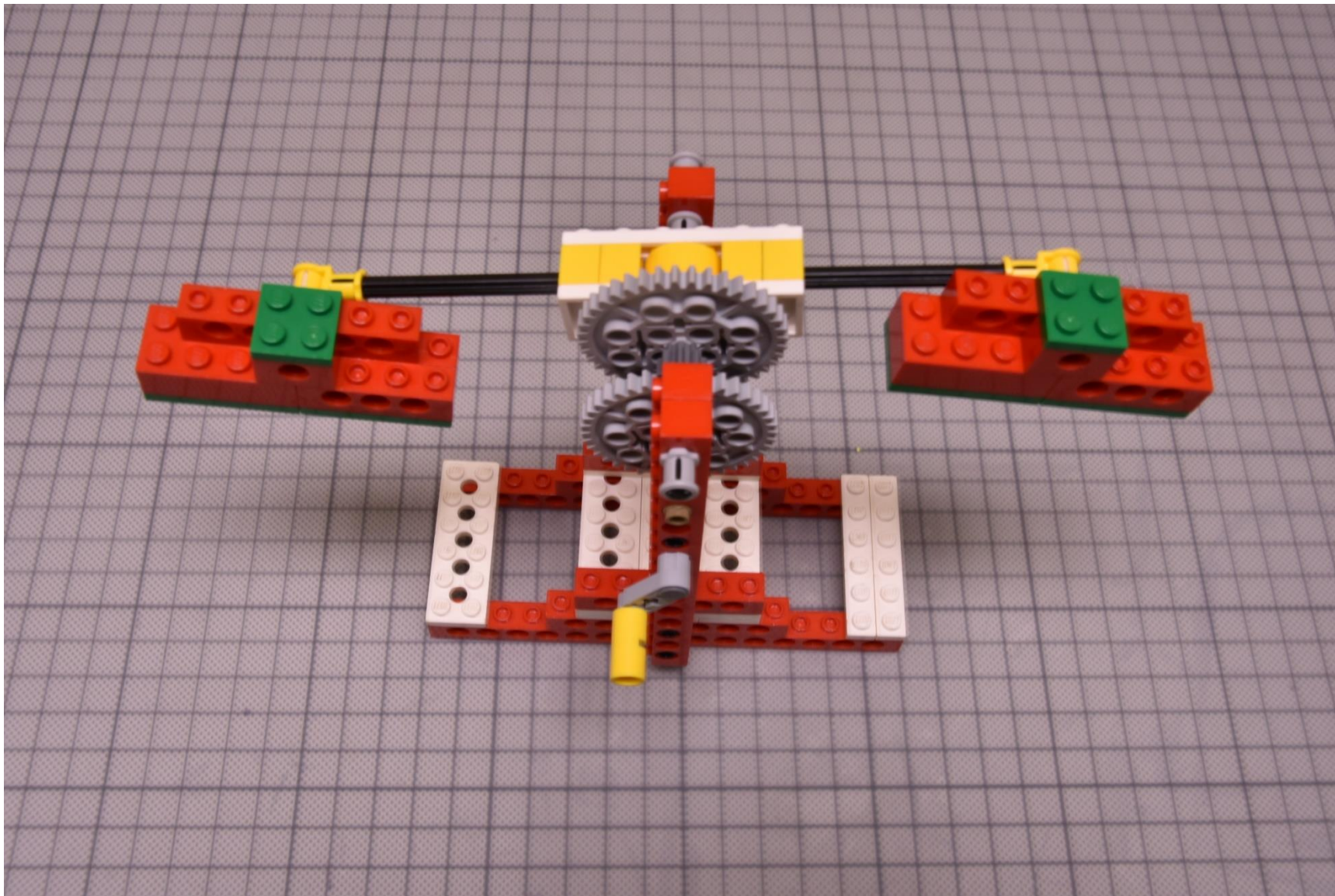
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