



Maşini simple



Ce este un satelit natural?



Un satelit natural sau **lună** este orice obiect ceresc natural care se rotește (într-o orbită) în jurul unei planete sau altui corp ceresc.

Satelitul natural sau luna Pământului este Luna!



Ce este un satelit artificial?

Un satelit artificial este o construcție realizată de oameni, care a fost lansată pe orbită în jurul Pământului (sau al unui alt corp ceresc)!



Pe **4 octombrie 1957** a fost lansat primul satelit artificial al Pământului, realizat de sovietici - **Sputnik 1**.

Această zi este marcată ca fiind începutul erei spațiale. Curând după aceea, a urmat unul american - Explorer 1 .



Sateliții artificiali trimit mesaje către Pământ pentru a ne ajuta să ne găsim drumul (GPS), pentru a ne informa despre vreme, pentru a ne permite să urmărim un canal TV etc.



Pe Pământ, putem primi mesaje trimise de sateliții artificiali, folosind antene parabolice care se rotesc!



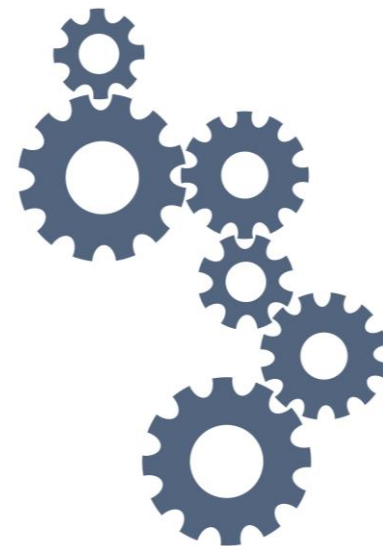
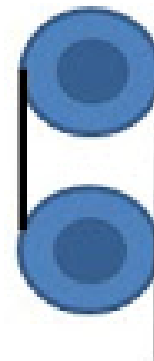
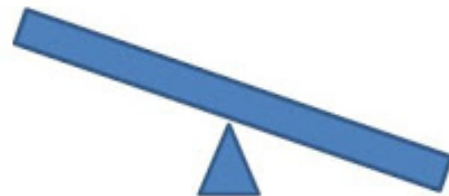
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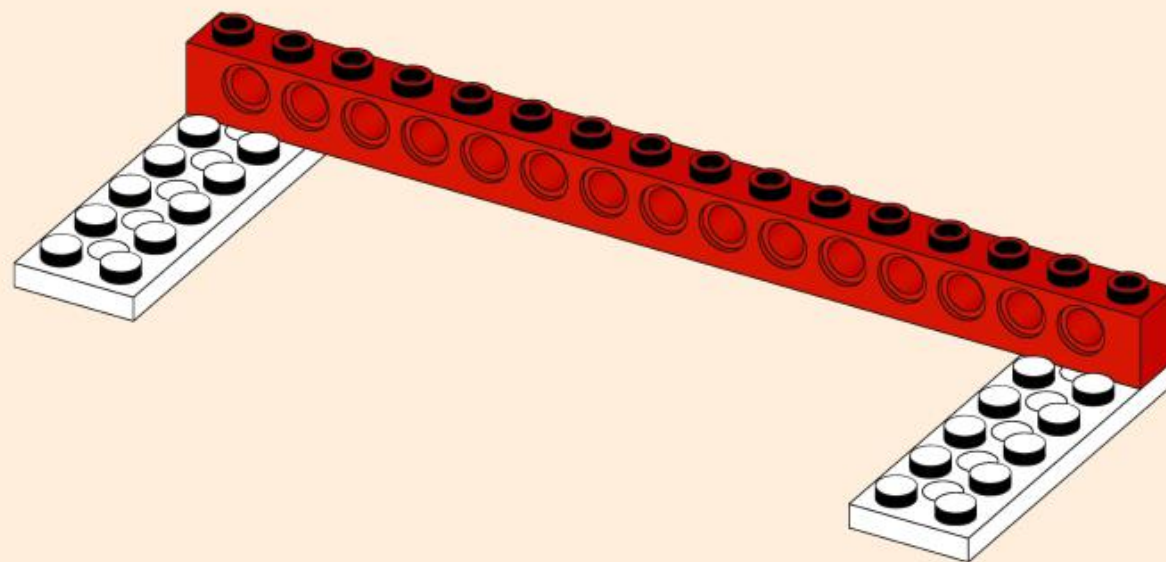
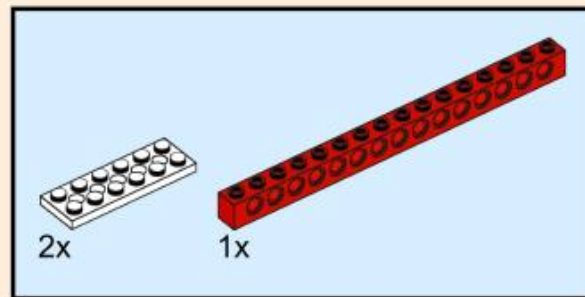
Receptor

Poți să faci o antenă satelit care se rotește?

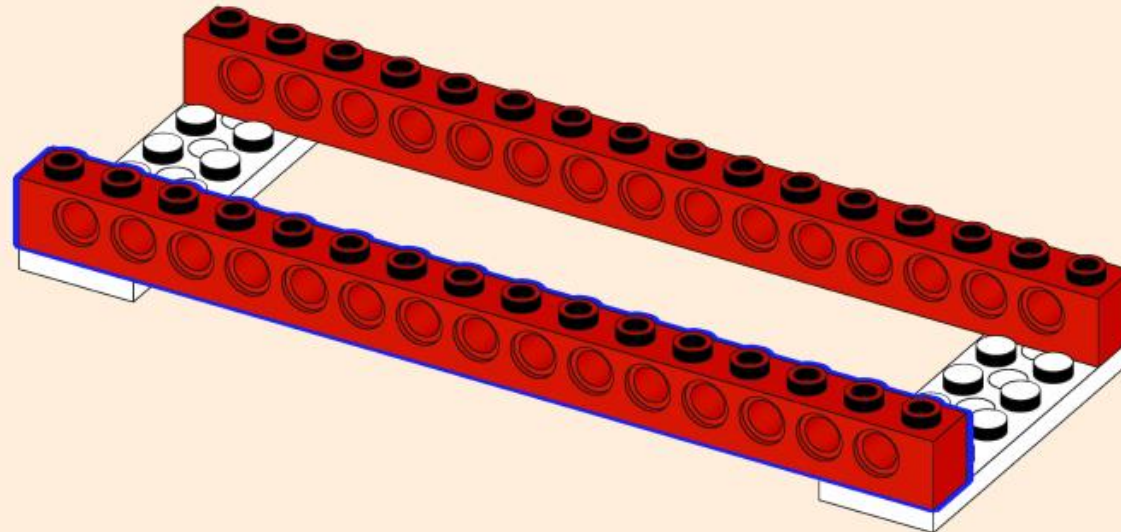
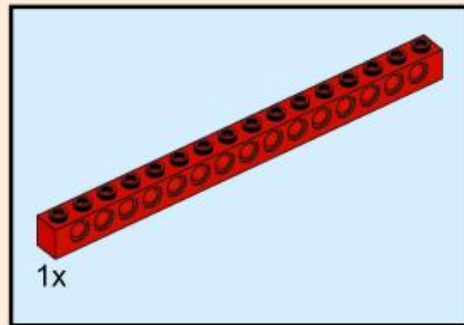
Ce mașină simplă puteți folosi pentru a face antena satelit să se rotească?



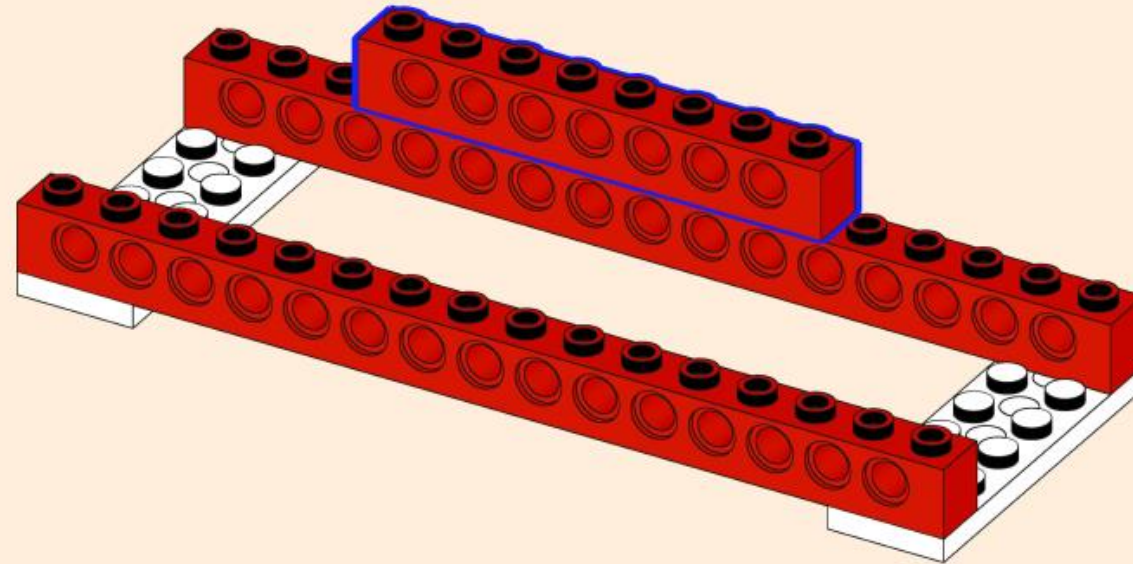
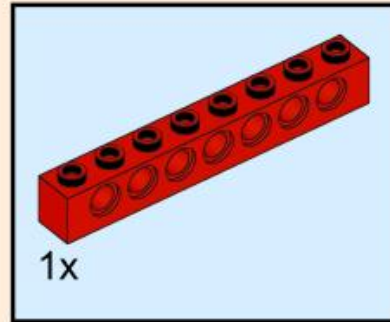
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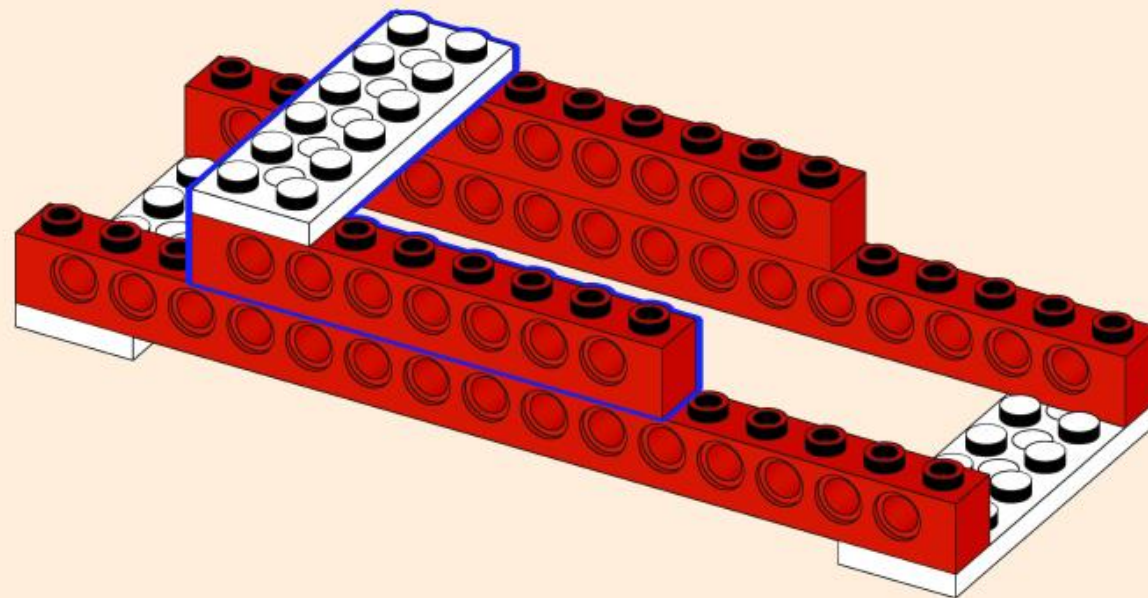
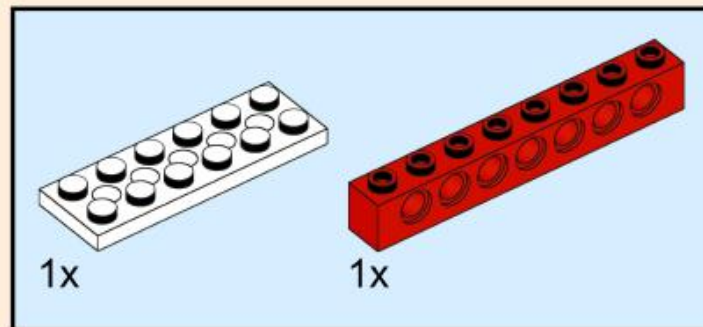
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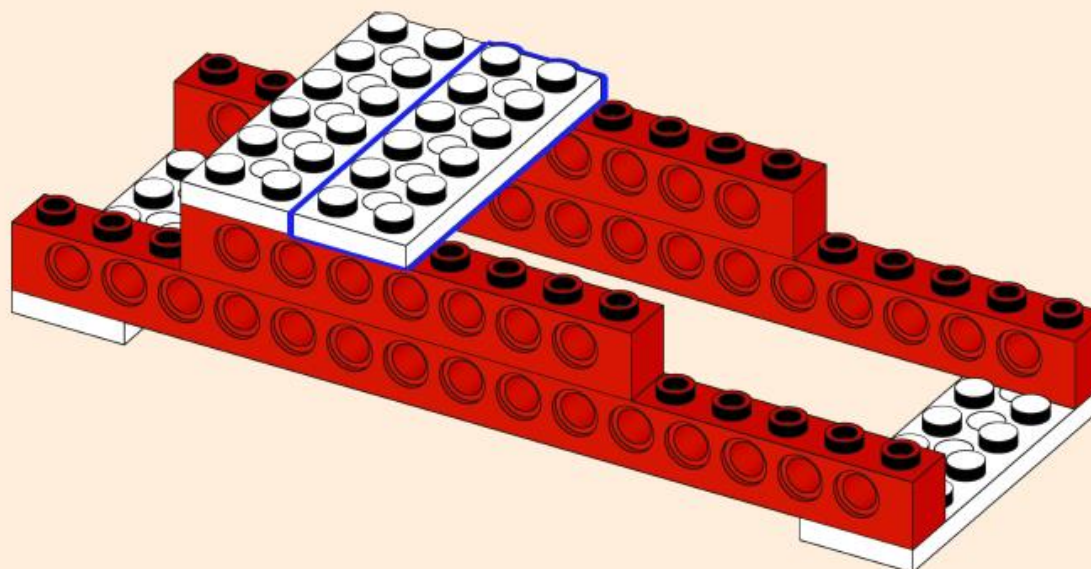
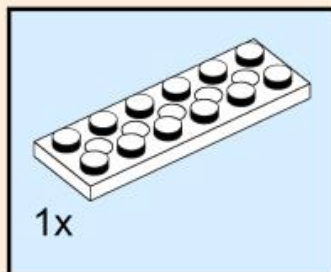
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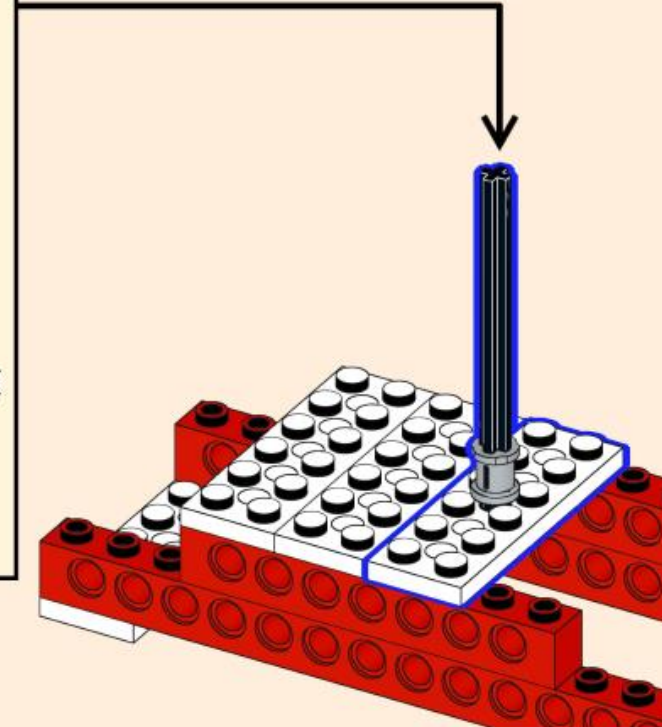
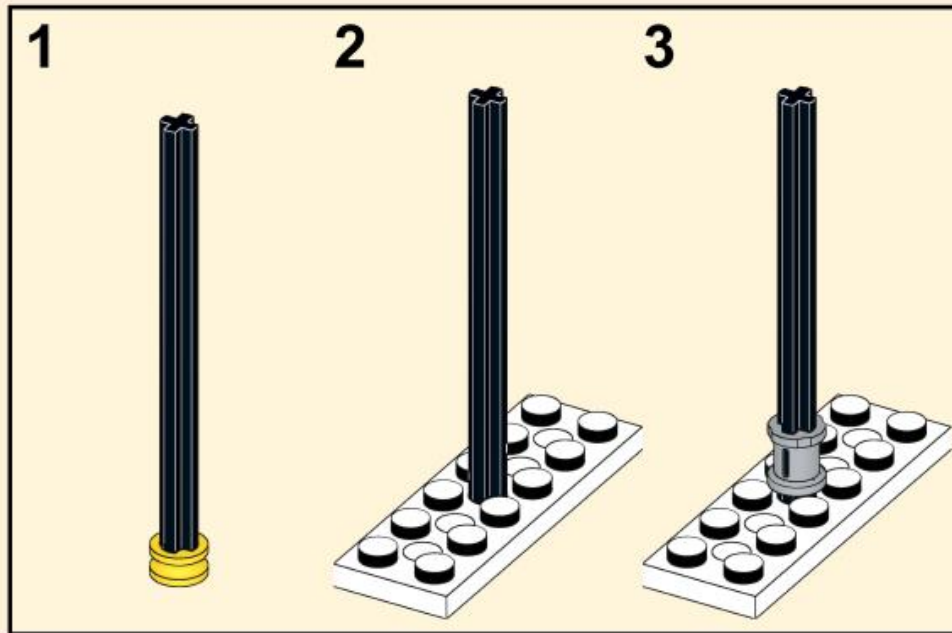
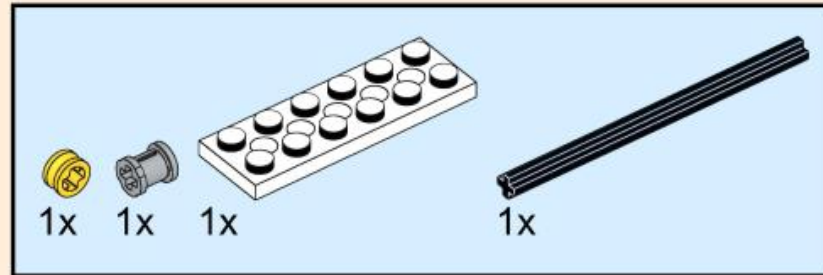
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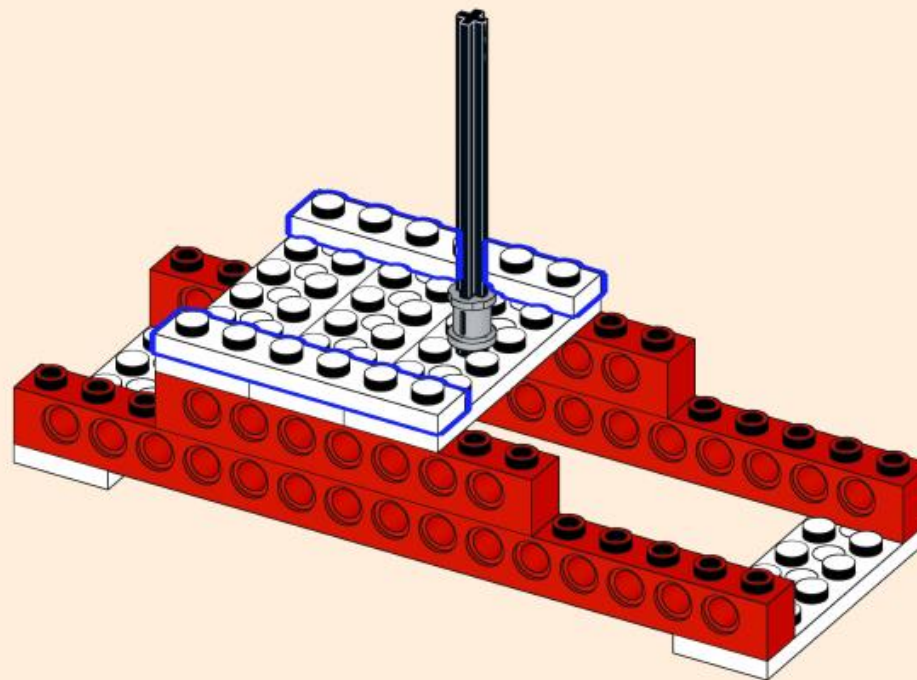
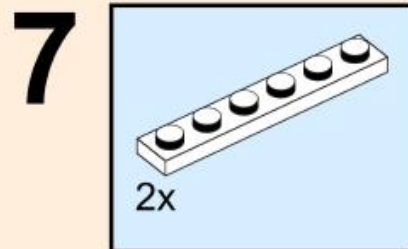


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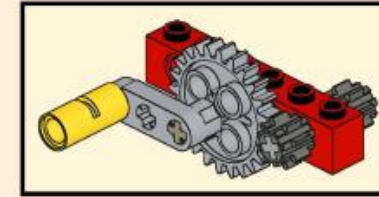
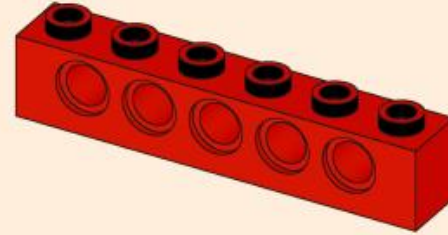
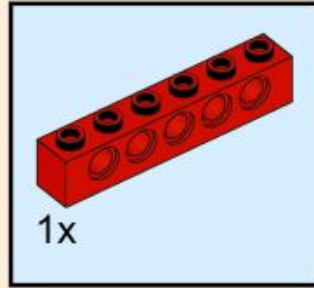


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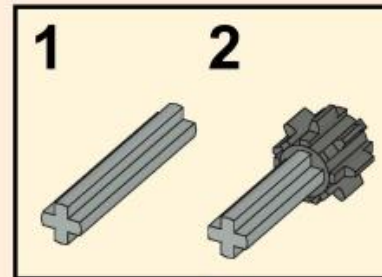
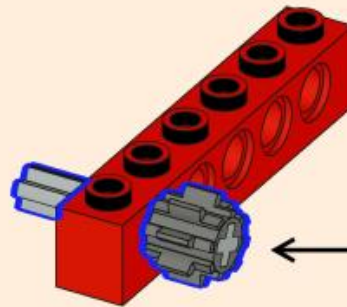
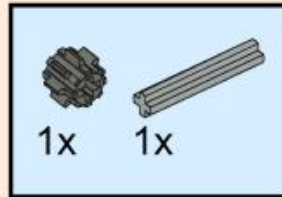




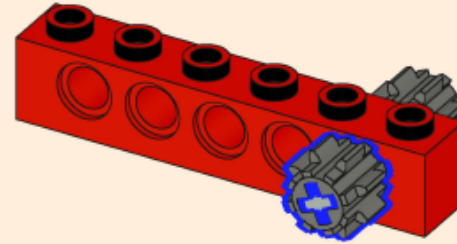
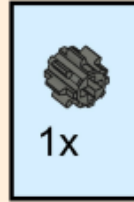
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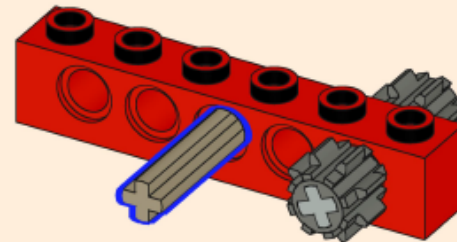
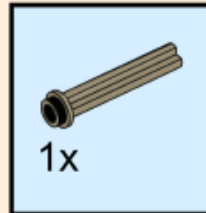
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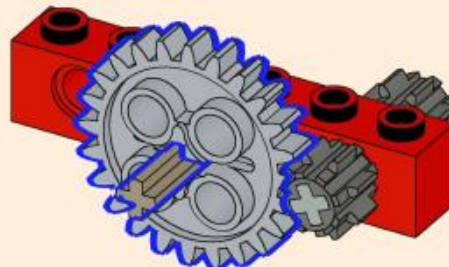
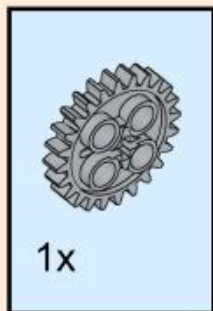
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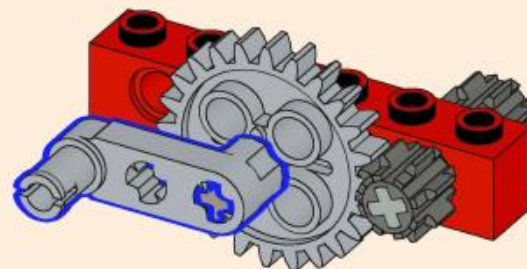
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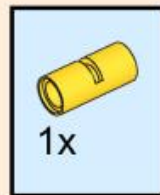
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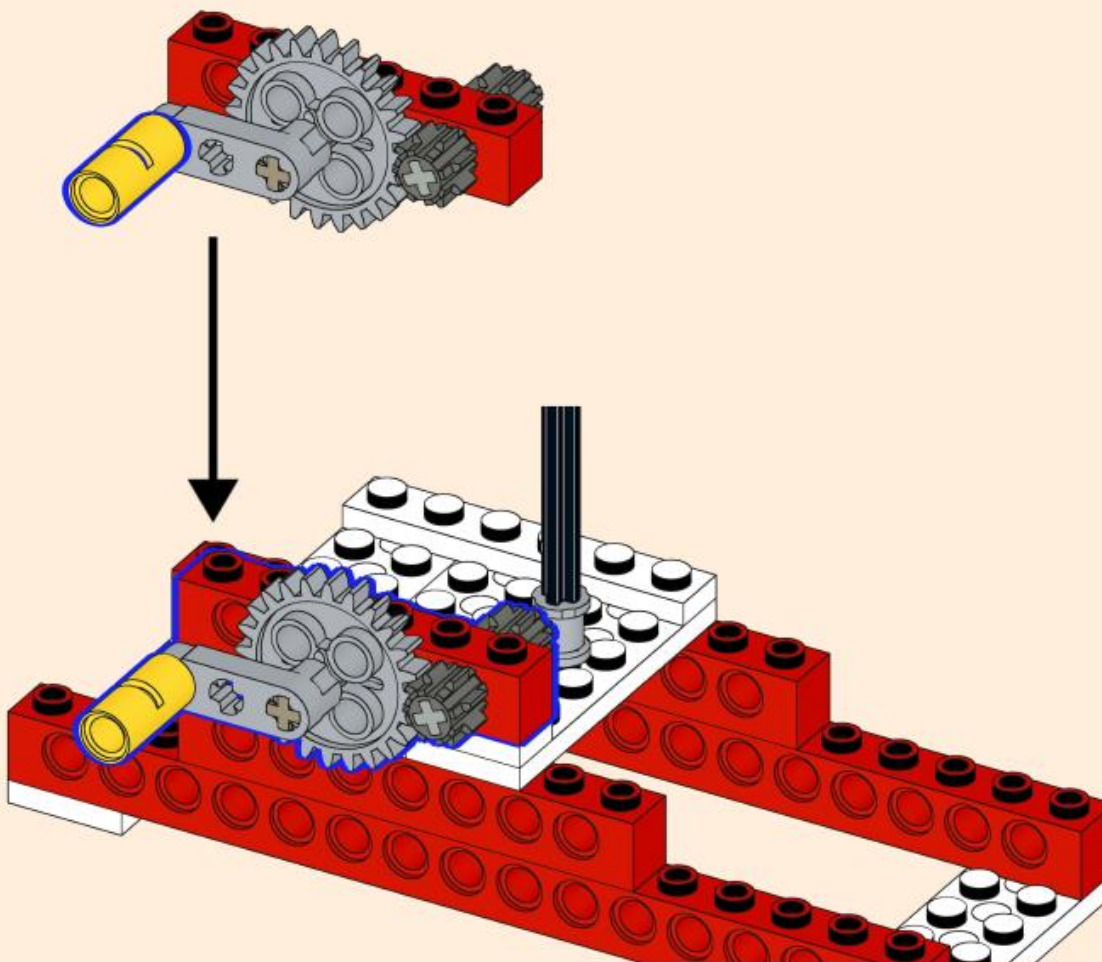
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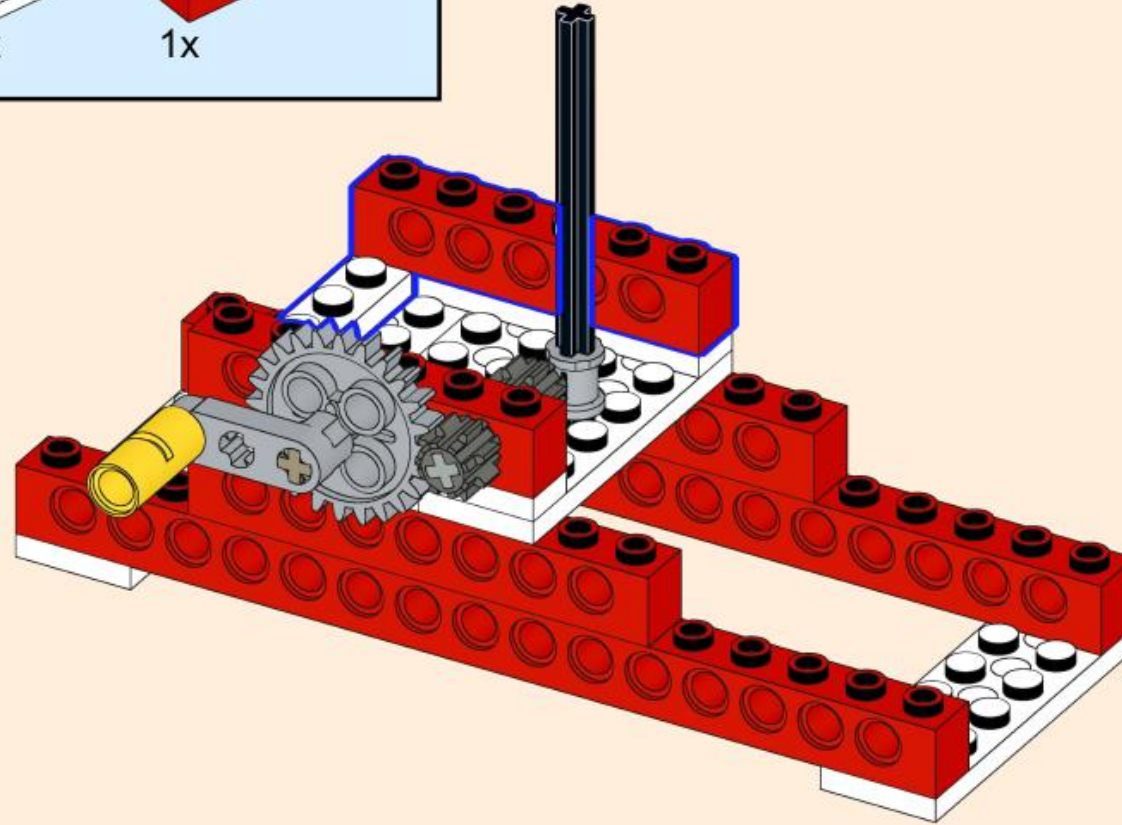
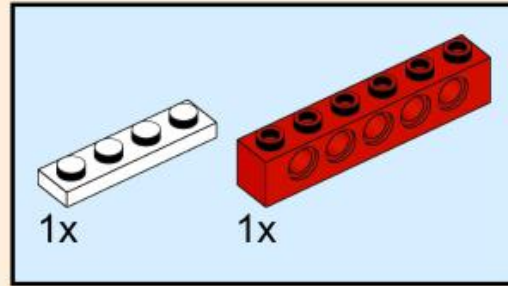
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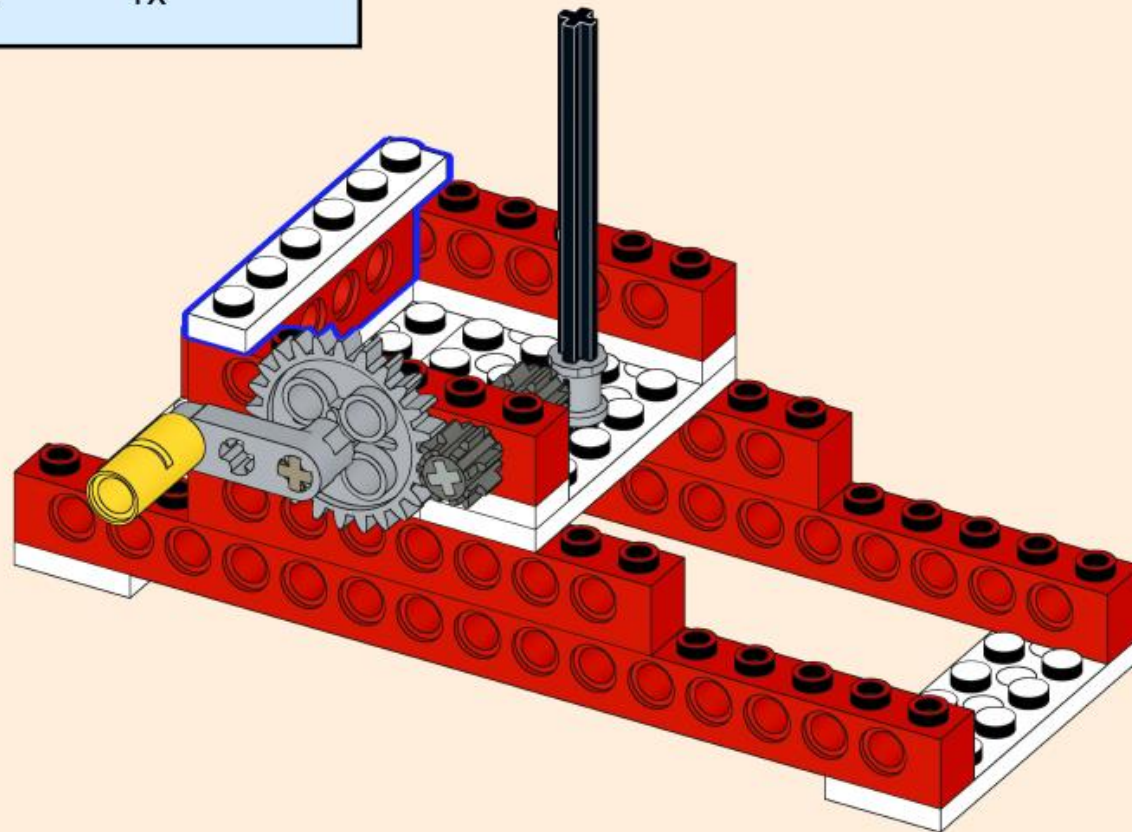
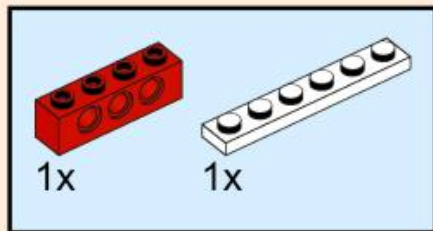
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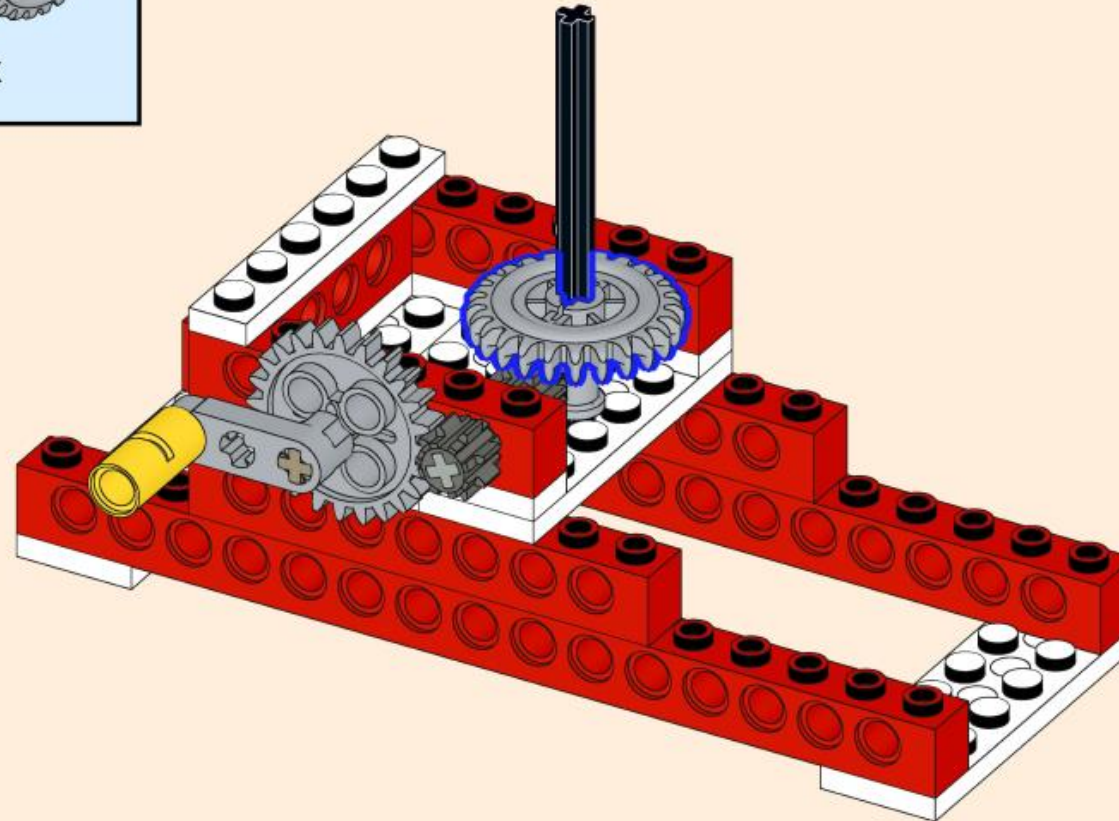
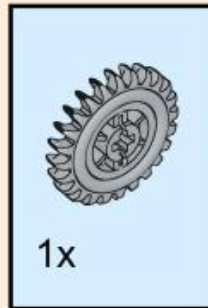
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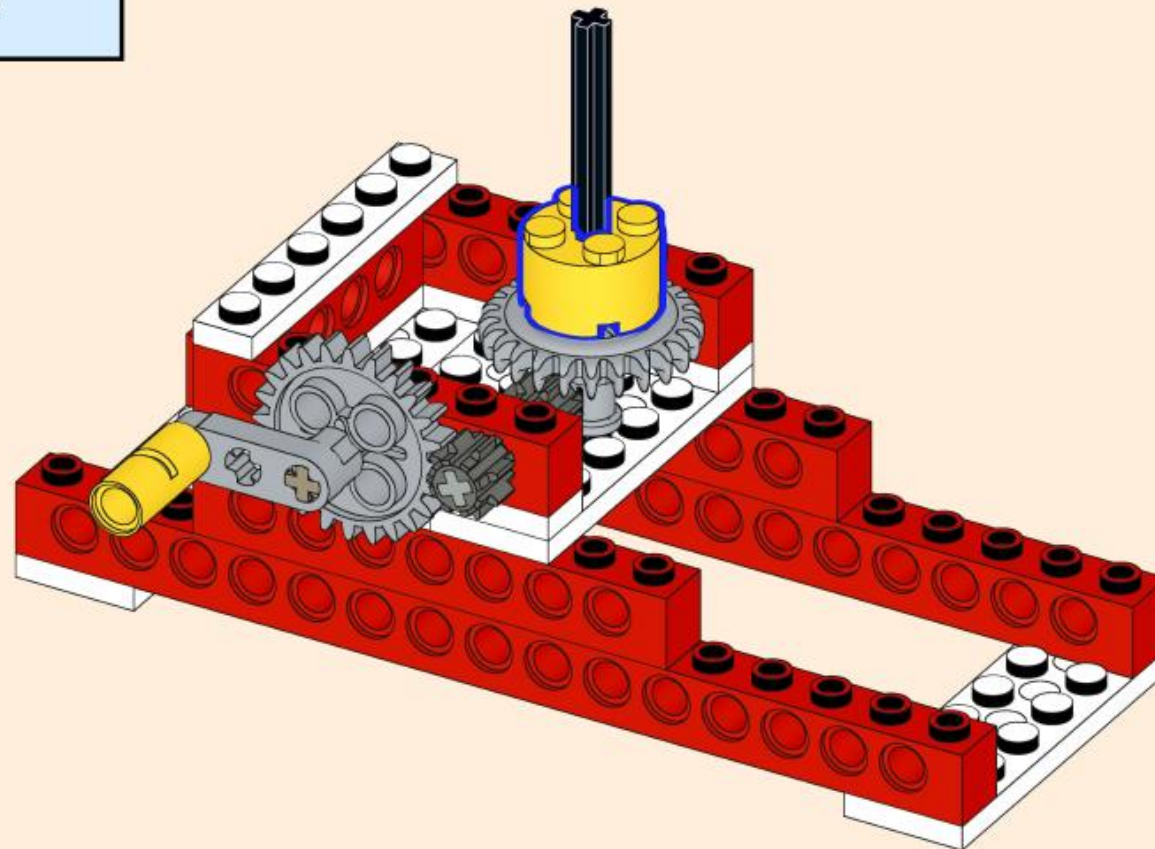
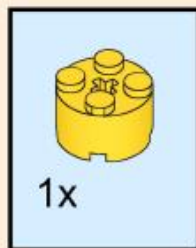
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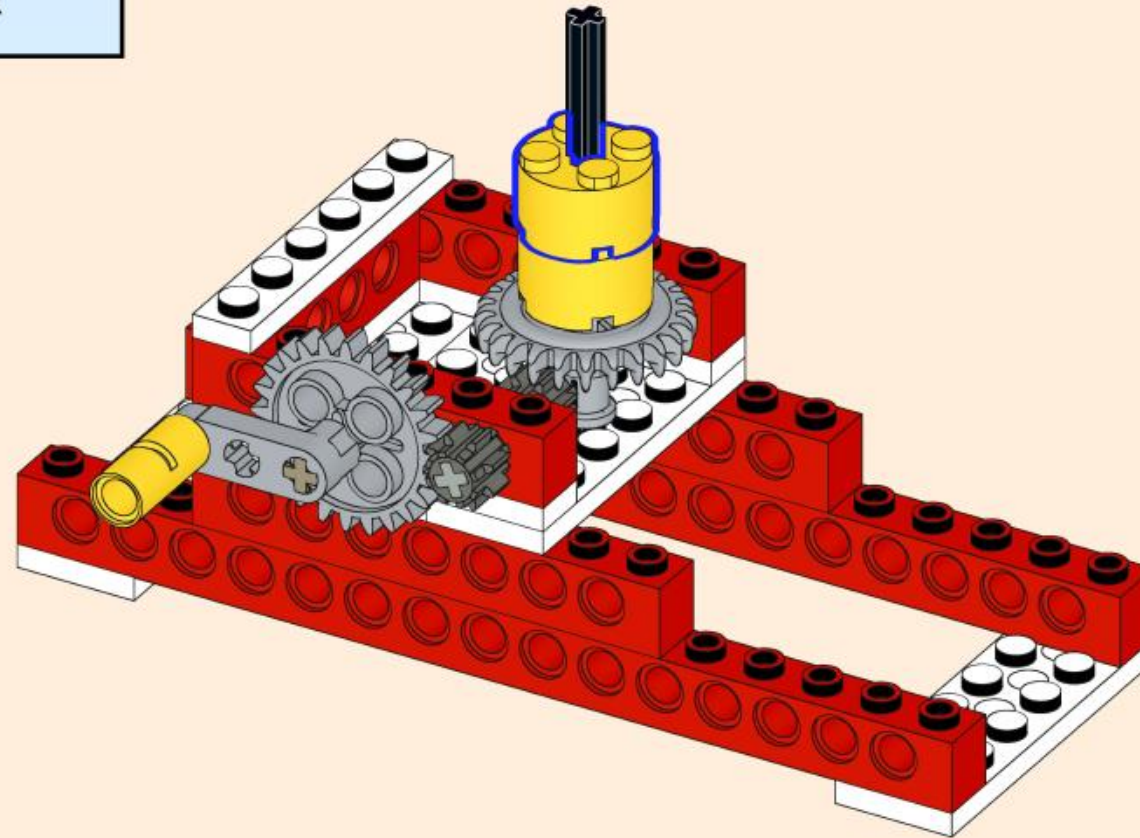
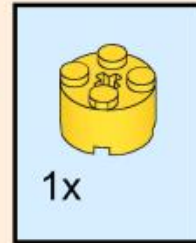
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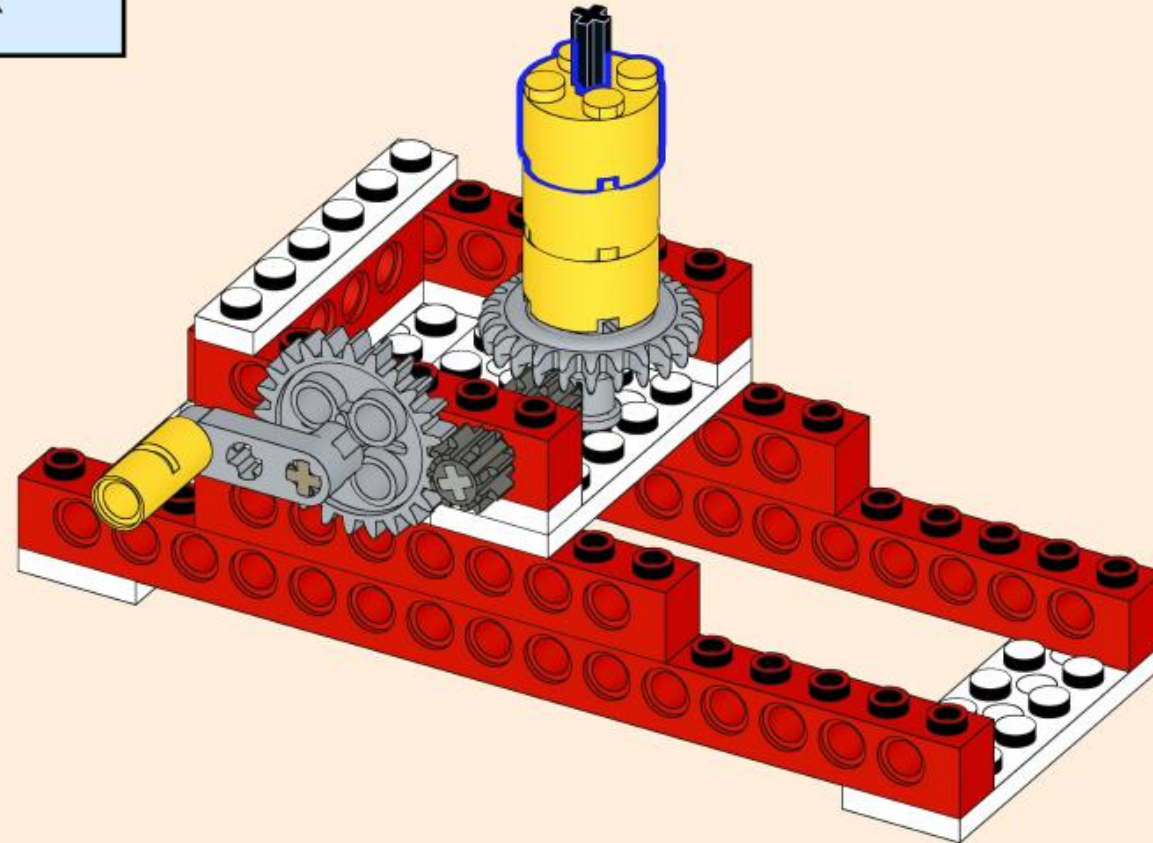
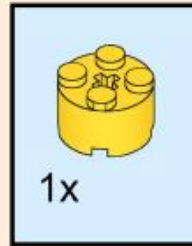
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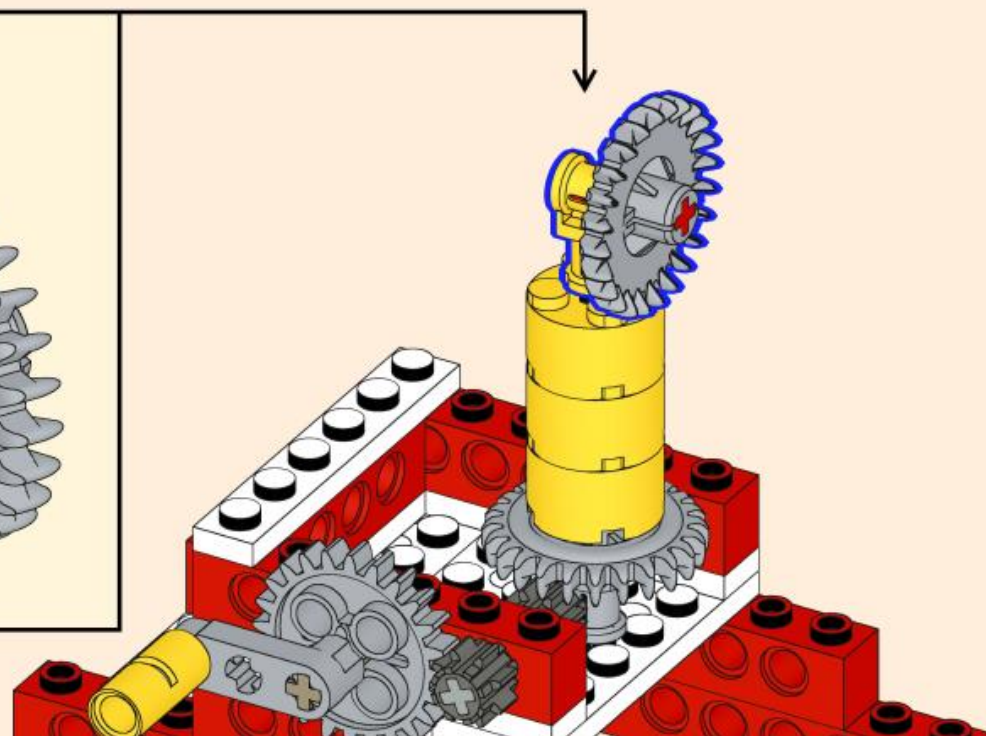
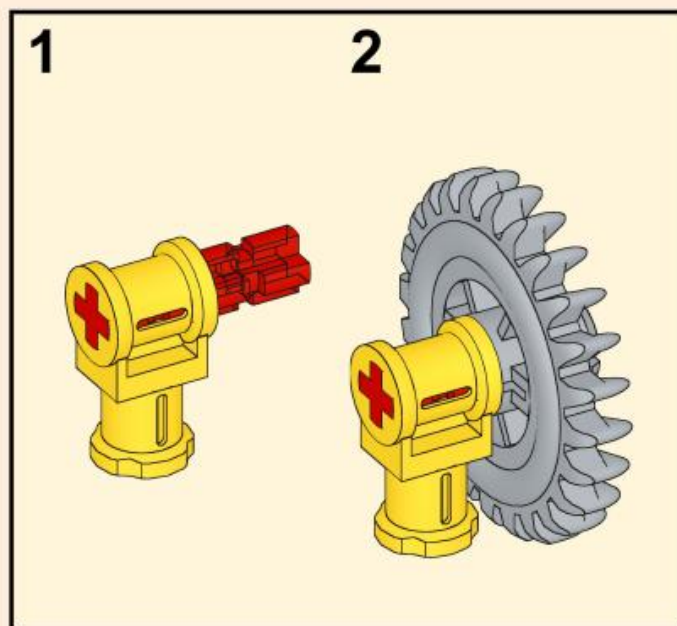
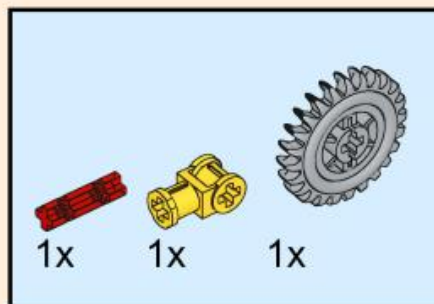
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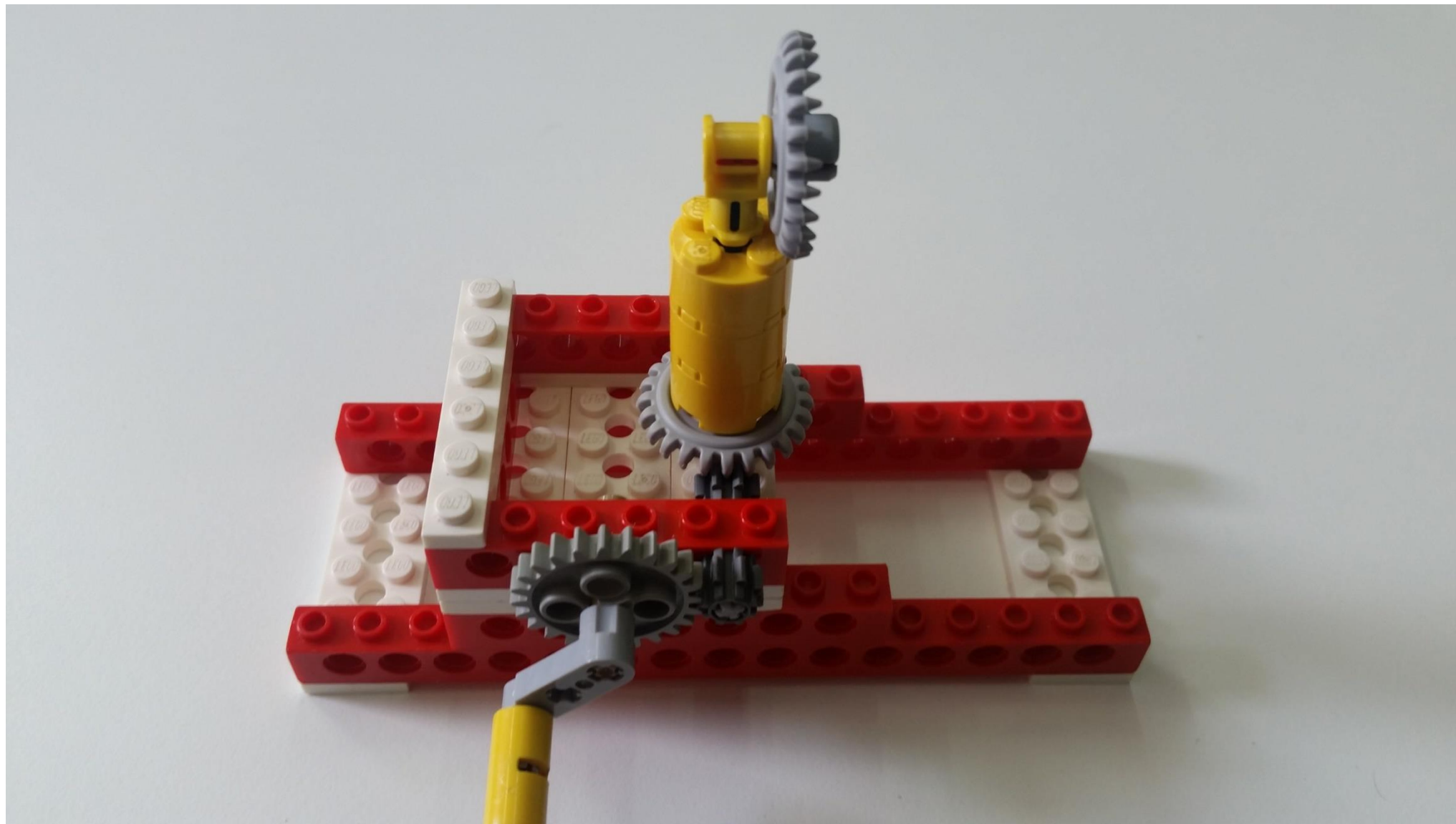


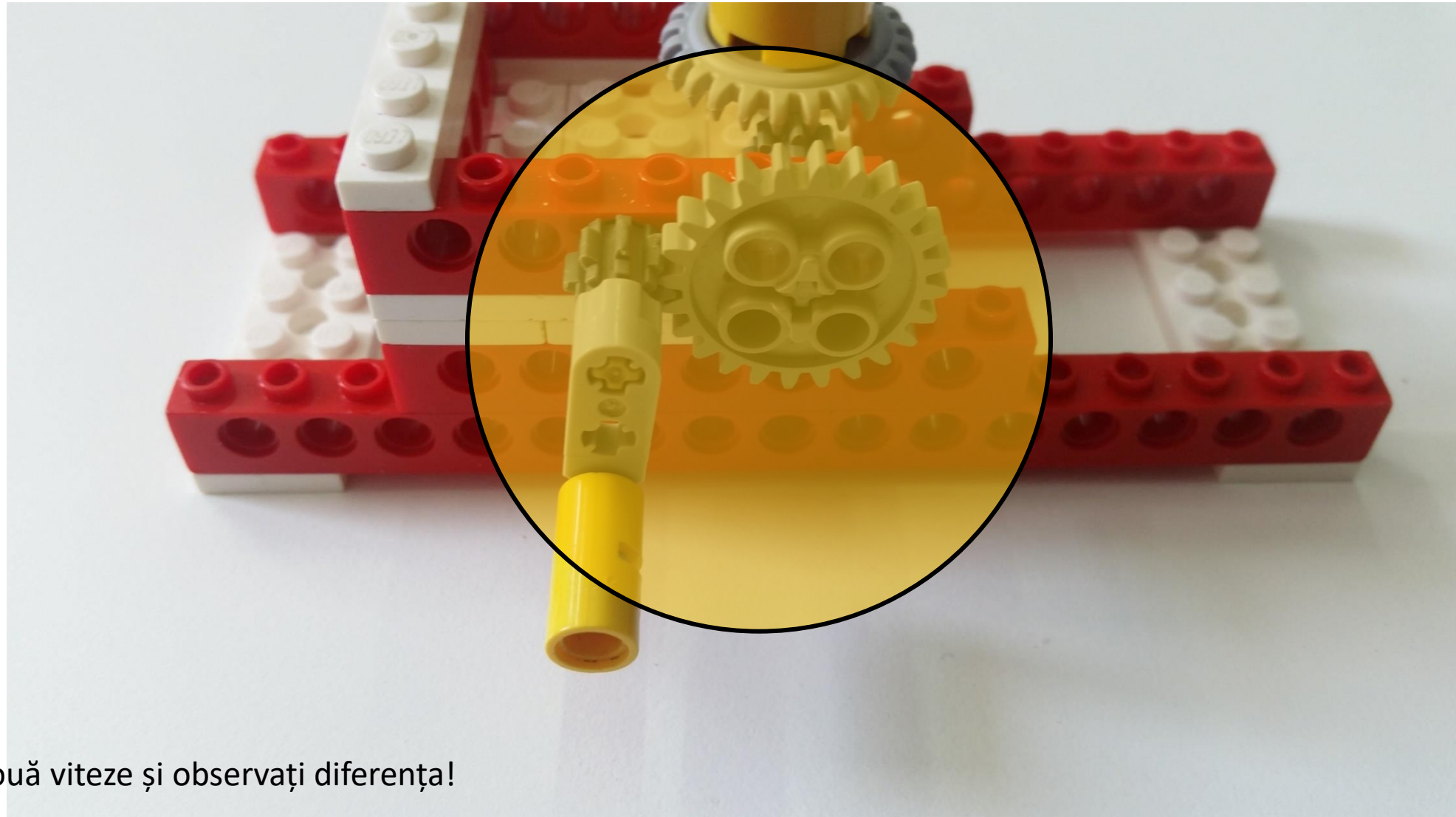
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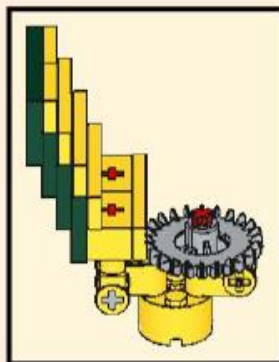




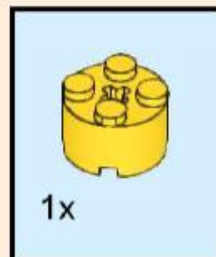
Schimbați poziția celor două viteze și observați diferența!



Cum putem urmări semnalul?



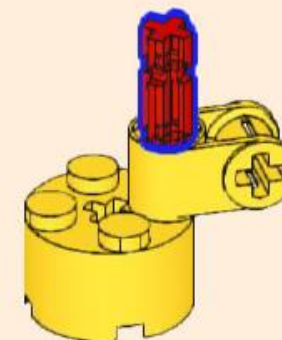
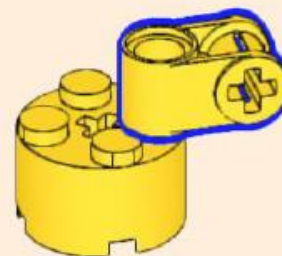
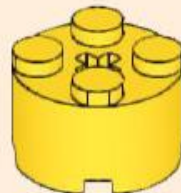
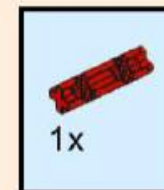
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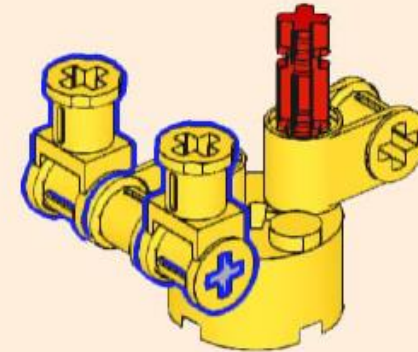
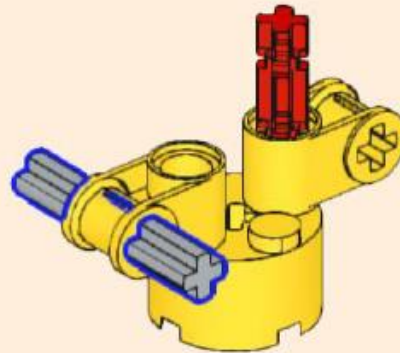
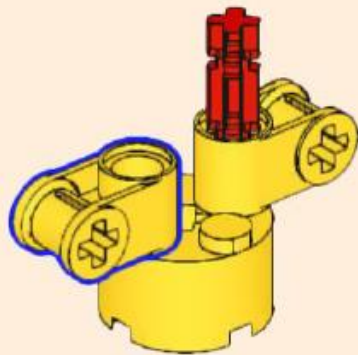
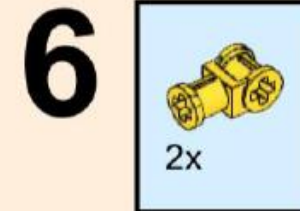
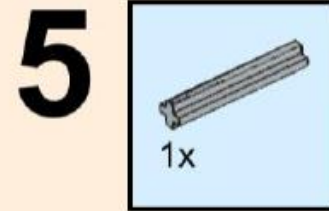
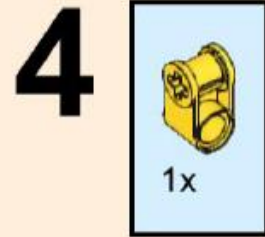


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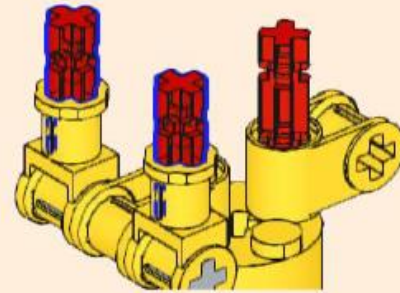


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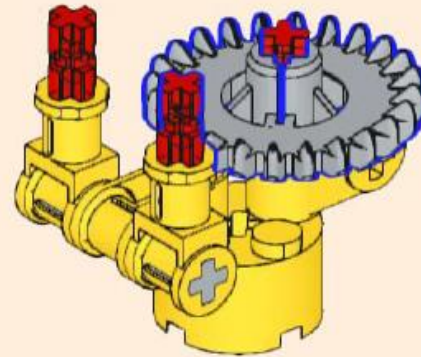
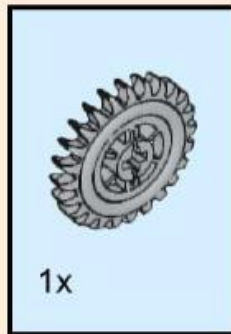


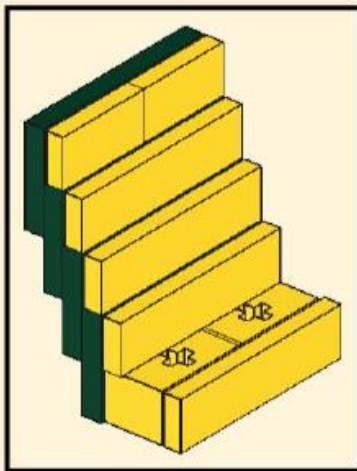


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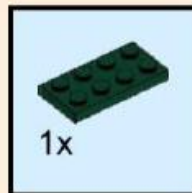


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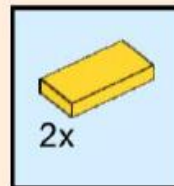




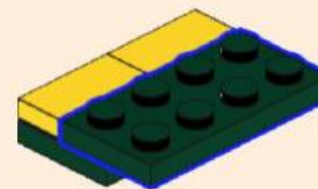
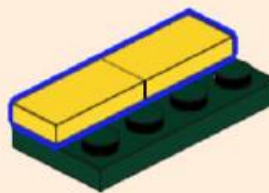
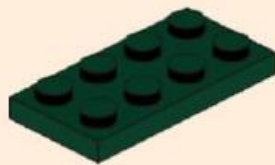
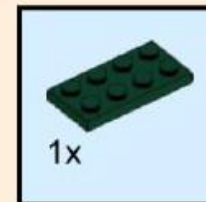
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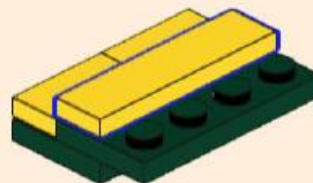
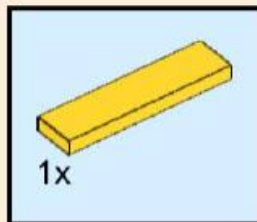
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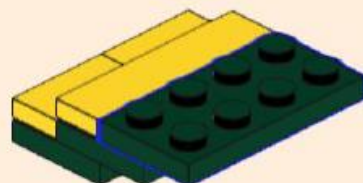
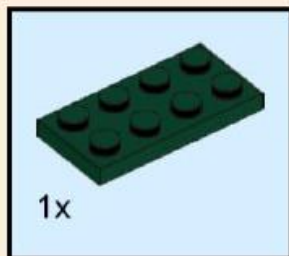
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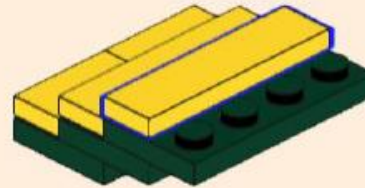
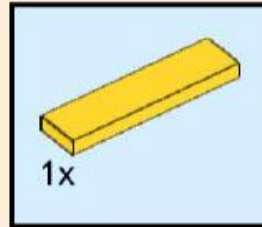
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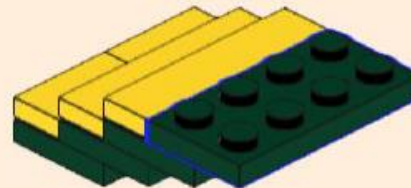
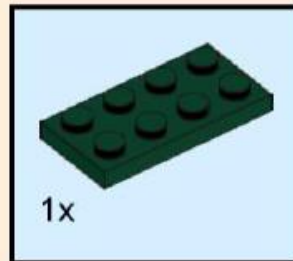
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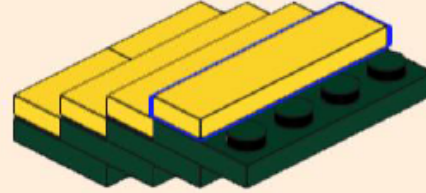
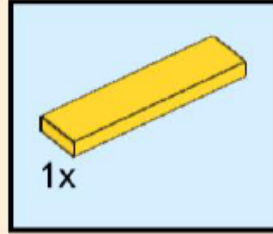
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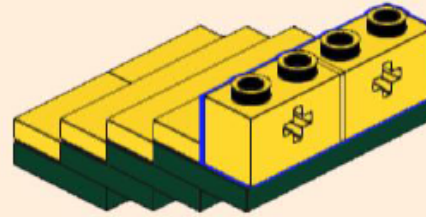
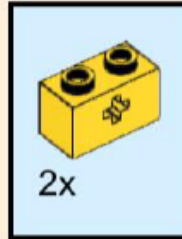
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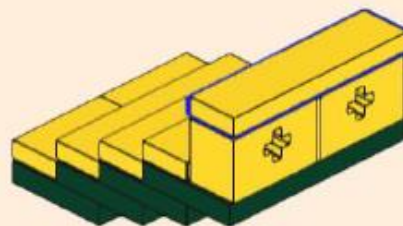
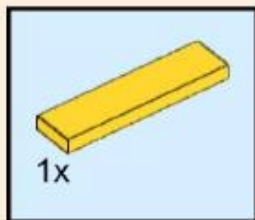
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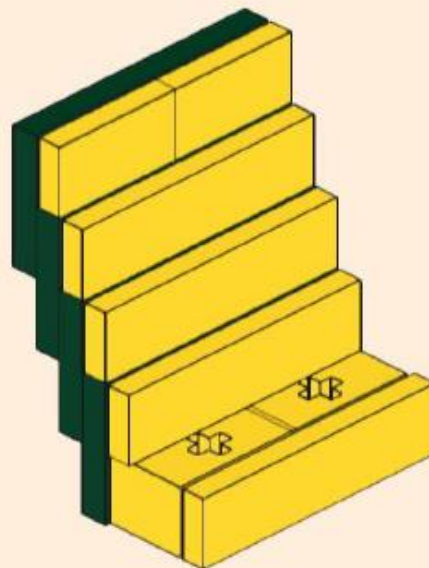
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