Name: _____ **Date:** _____



After you build the catapult, can you recognize the fulcrum, the load and the force? Match them.

- Fulcrum
- Force
- Load



What type of lever is the catapult?



Try to throw the tire. How far can you throw it? Do three measurements using a ruler.

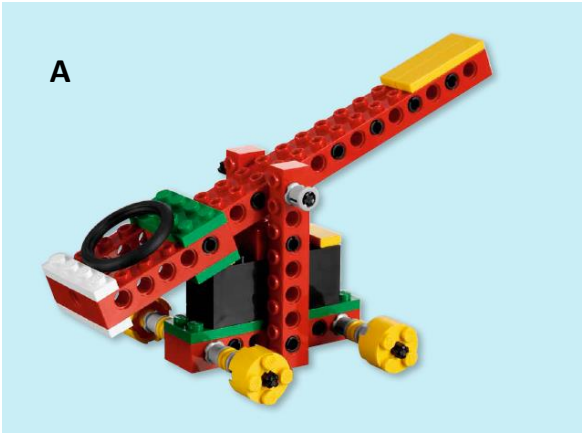
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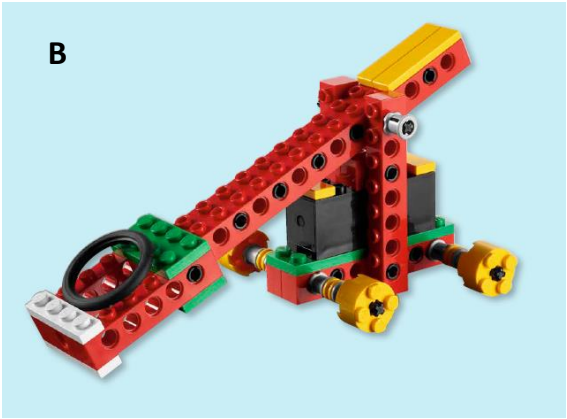
Change the position of the fulcrum in model B. Try again to throw the tire and measure how far it went three times.

What is the difference? Draw a circle around the catapult that the tire is thrown farther.

A



B

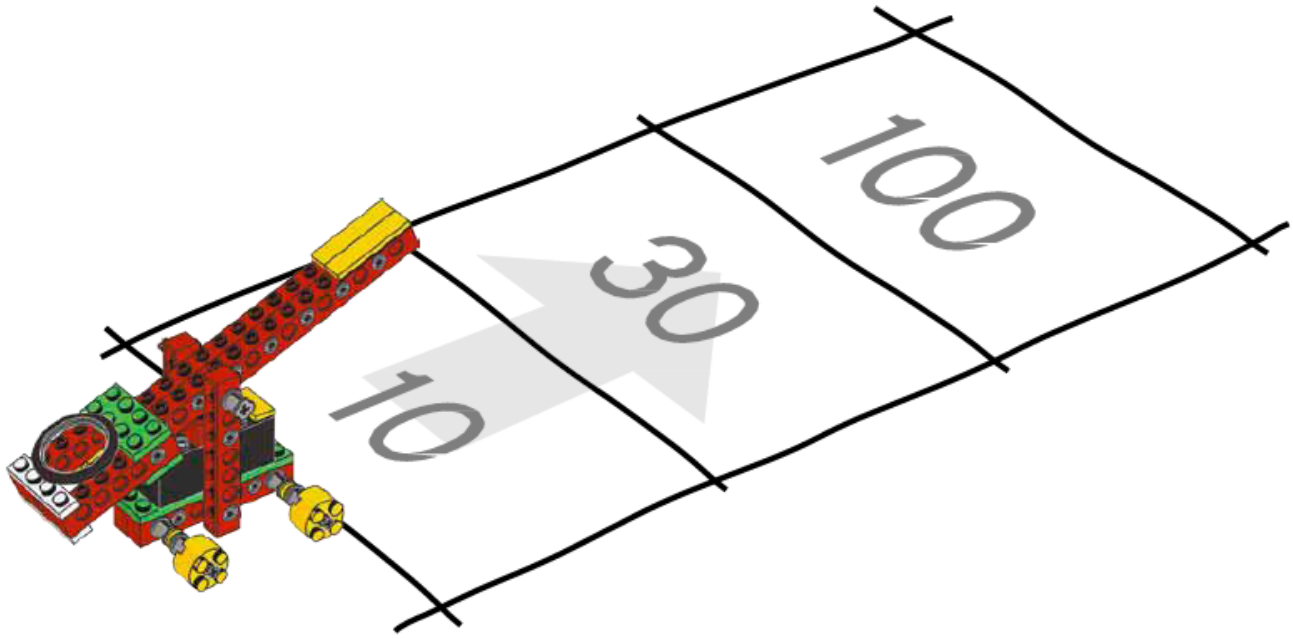


What is your conclusion?

Finally, line up your catapults and try to find the farthest target.

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