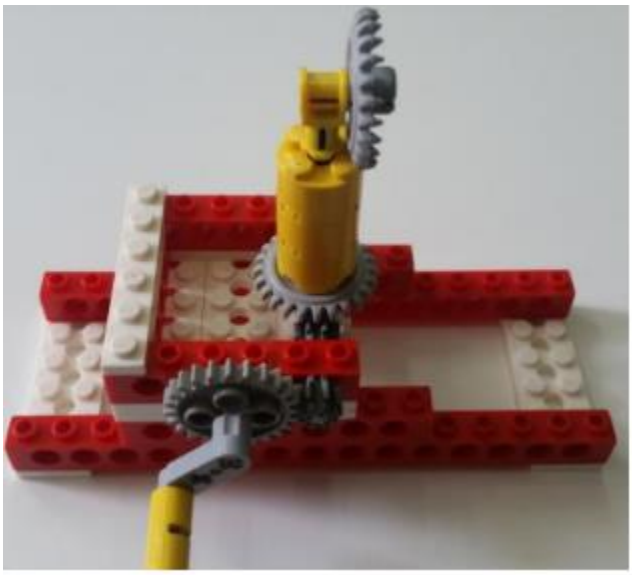
Name: _____ **Date:** _____



Find the right answers!



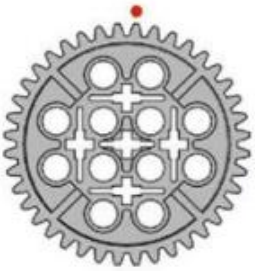
Which and how many of the gears below did you use?



☐



☐



☐

Rotate the crank once. How many rotations did the indicator do? ☐

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Using our build, we can see that we cannot receive any signal, because the antenna is rotating very fast.

What can we do, so the antenna rotates slower, but without changing the speed we rotate the crank?

A) We need to change the place of the crank
B) We need to rotate the crank in the opposite direction
C) We have to change place among the two gears (8 → 24)

Experiment with your answer!!

How many rotations does the crank need, so the dish makes one complete rotation?

The transmitter is constantly moving away from us. Can you think of a modification to follow the signal?

Experiment with your answer!!

The signal is getting weaker. We need to modify the dish, to receive the weak signal. What modifications do we need to do:

A) The indicator needs to be placed higher
B) We need to use a bigger plate
C) All the above