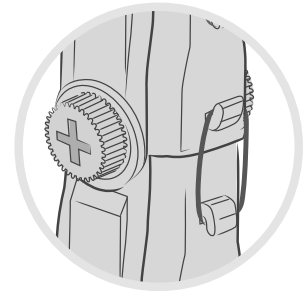


Name(s): _____

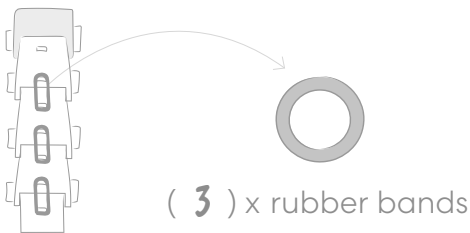
Date: _____

Tension Design Challenge

The claw finger has three joints — just like your finger! By looping **more rubber bands around the joints**, you can change how the finger bends. Check out the finger bends below and **try to recreate each one**.



Example:



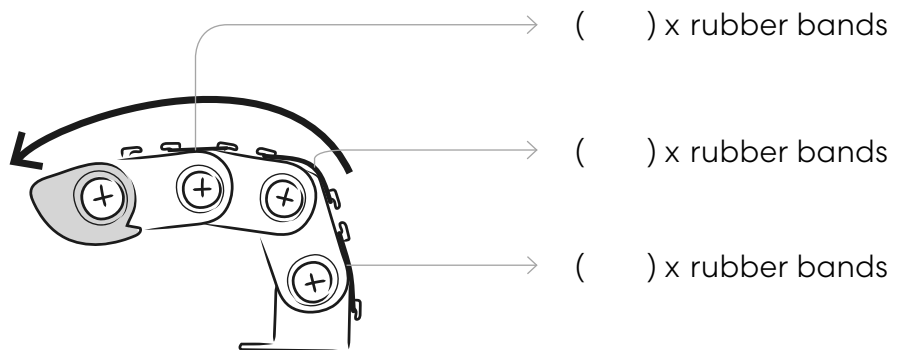
Record how many rubber bands you used and where!



CHALLENGE #1 : FINGER BENDS IN THE MIDDLE



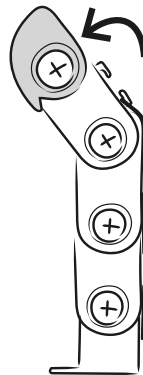
How many rubber bands did you use?



CHALLENGE #2: ONLY THE FINGERTIP BENDS



How many
rubber bands
did you use?



() x rubber bands

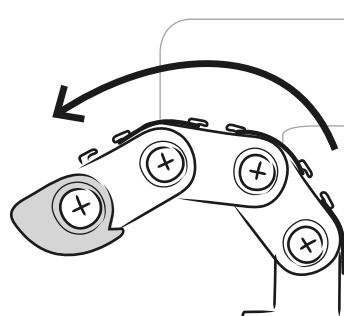
() x rubber bands

() x rubber bands

CHALLENGE #3: FINGER CURLS EVENLY



How many
rubber bands
did you use?



() x rubber bands

() x rubber bands

() x rubber bands