Left Side of Lever			Right Side of Lever		
Name of Object on the Left Side	Distance from the Fulcrum **(in centimeters)**	Weight of Object on the Left Side	Name of Object on Right Side	Distance from the Fulcrum when Balanced **(in centimeters)**	Guess the Weight of the Object
standard weight	____ cm	10 grams		____ cm	____ grams
				____ cm	____ grams
				____ cm	____ grams
				____ cm	____ grams
				____ cm	____ grams

Directions: Pick one of your objects to and fill in the blanks to describe the math pattern. Type the name of the object into the green boxes. Type the distances in the purple boxes. Type the weight of the object you chose into the red box.

The 10 g weight was [____] cm from the fulcrum. When I placed the [_____] [____] cm from the fulcrum the scale balanced. So, the weight of the [_____] is [____] grams.

Directions: Pick one of the objects. Fill in the blanks to write an equation that shows the math relationship between the weight on the right side and that weight on the left side and the distance from the fulcrum.

10 g

standard weight in grams

distance from fulcrum in cm

weight of object in grams

distance from fulcrum in cm

Left Side

Right Side