



### Echolocation and SONAR

Name \_\_\_\_\_

#### Using Sound Rather than Sight

One person wears the blindfold (do not cheat!) Stuff cotton balls under the blindfold below the eyes. Another person in the group drops an object somewhere on the table or floor. The blindfolded person gets one chance to try to pick up the object. They can't *search* for it with their hands! Leave your hand where you grabbed. Another person in the group needs to measure how far off the grab is from the dropped object with a ruler.

Now drop an object in a new spot. The blindfolded person must identify what was dropped and put their hand where they think it is. Do this four more times.

NOTE: make sure that sometimes the object is dropped behind them or between their feet!

Object Number	What did you drop	What did your partner guess?	Where did you drop it?	Where did your partner guess?	How far off was the guess?
Example	Pencil	Marker	Half a meter on the right side of the floor	15 cm to the right of their feet	36 cm
1					
2					
3					
4					
5					