



Student Name: _____

Obtain Marks: _____

Shadow Puppets (Changing Shadow Size)

Shadows



Learn how distance from the light source affects shadow size.

Object **CLOSER** to light source = **BIGGER** shadow.
Object **FURTHER** from light source = **SMALLER** shadow.

If you move your hand closer to a flashlight, your hand shadow becomes	[BIGGER / SMALLER].
If you move your hand further away from a flashlight, your hand shadow becomes	[BIGGER / SMALLER].
Maya wants to make a giant shadow monster on the wall. She should stand	[closer to the lamp / closer to the wall].
To make a tiny shadow, place the object	[far from the light / near the light].