

Name \_\_\_\_\_

## *Reflective Surfaces*

1. Set a square of foil on the desk in front of you. Use a light and reflect it up to the ceiling.

Do you get a good reflection? \_\_\_\_\_

Why? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. Crumple the foil square, then straighten it out. Use the light and reflect it up to the ceiling.

Do you get a good reflection? \_\_\_\_\_

Why? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. Compare both of these to the reflection of the sky on the lake.

\_\_\_\_\_

\_\_\_\_\_

Describe the reflection you see when shining a laser light on each of the following objects.

Note the size of the reflection: larger, smaller, none.

<b>sandpaper</b>	<b>white paper</b>	<b>black paper</b>
<b>stiff plastic</b>	<b>metal</b>	<b>glass</b>

Discovery: \_\_\_\_\_

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