Shadows Need Light

Grade 1 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

1. A student tests how a shadow changes. What should she change?

only the place of the light

everything

the wall and the object

the light and the object

2. A bird flies in the sun. A dark shape moves on the ground. What is it?

a nest a puddle the bird's shadow a hole

3. Light shines on a clear cup and a paper cup. Which makes the darker shadow?

Neither makes a shadow. the clear cup the paper cup They are the same.

4. Which sentence is true?

A shadow makes its own light.

A shadow is brightest in the dark.

A shadow needs light and something to block it.

Shadows only happen at night.

5. Which sentence tells how a shadow moves in a day?



It stays in one place all day.

It follows the wind.

It moves as the sun moves across the sky.

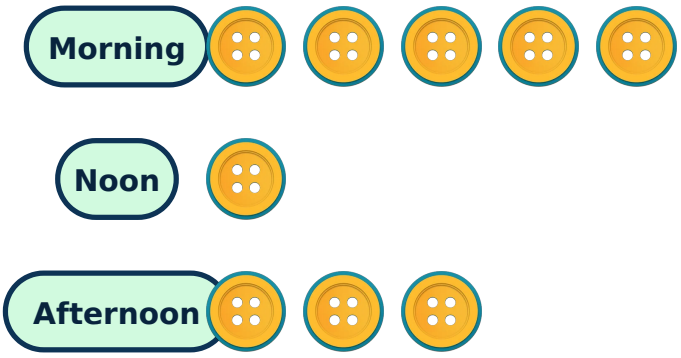
It moves by itself at night.

6. Light comes from the left and hits a cup. Where does its shadow land?



on the left there is no shadow right behind the light on the right

7. Three shadows were measured in buttons. Which time had the shortest shadow?



Noon Afternoon Morning

8. Which makes the biggest shadow?

The block is close to the lamp.

The block is far from the lamp.

The block is under the table.

The lamp is off.

9. Which material makes a faint shadow?

cardboard wax paper a book a wooden block

10. Which material makes almost no shadow?

a block clear plastic a book cardboard

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Answer Key - Grade 1 Science Worksheet - Challenge Me

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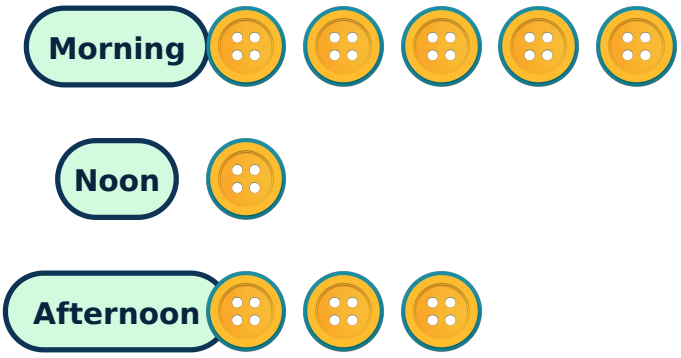
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