Shadows Need Light

Grade 1 Science Worksheet

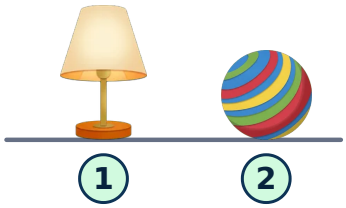
Name _____ Date _____

Circle the answer.

1. Which kind of day makes the clearest shadow?

a foggy morning a cloudy day a sunny day

2. A lamp shines on a ball from the left. Where is the shadow?



on the left there is no shadow on the right

3. What makes a shadow?

An object moves fast.

An object makes light.

An object blocks the light.

4. Which set has what you need for a shadow?

a block and a wall in the dark

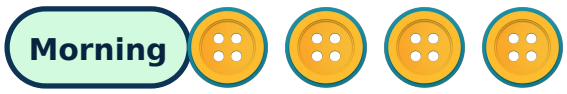
a lamp, a block and a wall

a lamp and a wall

5. Which makes the darkest shadow?

wax paper cardboard clear plastic

6. The rows show a shadow measured in buttons at two times of day. Which time had the longer shadow?





Noon Morning Both the same length

7. You want a bigger shadow on the wall. Where should you put the object?

close to the lamp far from the lamp next to the wall

8. When is the sun low and your shadow long?



at midnight in the morning or evening at noon

9. You stand in the sun with your back to it. Where is your shadow?

behind you next to you in front of you

10. A ball sits in a dark box. Is there a shadow?



Yes. The ball makes one. No. There is no light. Yes. The box makes one.

Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

Shadows Need Light

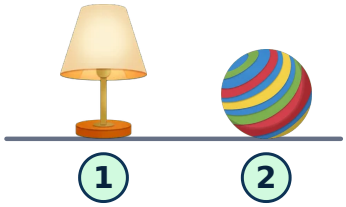
Answer Key - Grade 1 Science Worksheet

Circle the answer.

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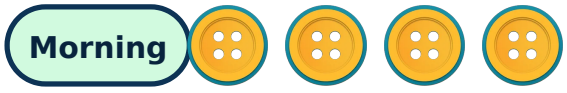
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Noon **Morning** Both the same length

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