

# Light Travels in Straight Lines

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## Understanding Light and Shadows

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the questions below based on what you learned about light and shadows.

1. How does light travel?

- A. In curves
- B. In straight lines
- C. In circles

2. A shadow forms when something blocks the \_\_\_\_ from a light source.

3. Why do shadows change size?

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4. Match the item to what happens when light hits it.

Clear object

Light passes through

Opaque object

Light is blocked

5. What happens when you move closer to a light source?

- A. The shadow gets smaller
- B. The shadow stays the same size
- C. The shadow gets bigger

6. God's truth shines clearly like \_\_\_\_ does.

7. What is one way we can demonstrate how light creates shadows?

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8. What did God say in 2 Corinthians 4:6 about light?

- A. Let light shine out of darkness
- B. Let shadows cover the earth
- C. Let darkness overcome light

9. Light does not bend or curve unless it hits something that \_\_\_\_ it.

10. How does understanding light help us appreciate God's design?

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### Answer Key

1. In straight lines 2. light 3. Because the distance from the light source changes. 4. Light passes through 5. The shadow gets bigger 6. light 7. We can use a flashlight and an object to see the shadow it makes. 8. Let light shine out of darkness 9. reflects 10. It shows us how God made light to work perfectly in our world.