

# Geometric Forms in Light

BibleMouse.com

## Understanding Light and Shadow

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

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

Answer the following questions based on our lesson about geometric forms and light.

1. What creates highlights and shadows on geometric shapes?

- A. The shape itself
- B. Light coming from one direction
- C. The color of the shape

2. How does light change the appearance of different shapes?

---

---

---

3. God used \_\_\_ principles in creation to form shapes.

4. Observation is not important in understanding form.

- True       False

5. Which shape is NOT mentioned in our lesson?

- A. Cube
- B. Sphere
- C. Cone

6. What geometric shapes did we practice shading in class?

---

---

7. Yahweh by wisdom founded the earth. By \_\_\_\_, he established the heavens.

8. Different shapes catch light in the same way.

- True       False

9. What is the key to understanding form in geometric shapes?

- A. Using bright colors
- B. Observation
- C. Drawing fast

10. What shapes do you see in God's creation?

---

---

---

---

### Answer Key

1. Light coming from one direction   2. Light creates highlights on the surface and shadows on the opposite side, making the shape appear three-dimensional.   3. geometric   4. False   5. Sphere   6. We practiced shading cubes, cylinders, and cones.   7. understanding   8. False   9. Observation   10. I see shapes like trees (cylinders), mountains (cones), and buildings (cubes).

Made by Kylie Tyler & Jim Tyler with support from Dan, Barb, and Darren Tyler