

Intersecting Lines and Angles Review

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Understanding Angles in Geometry

Name: _____

Date: _____

Answer the following questions based on what you learned about intersecting lines and angles.

1. What happens when lines intersect?

- A. They create angles
- B. They disappear
- C. They become parallel

2. What are vertical angles and how are they related?

3. Vertical angles are never equal.

- True False

4. When lines intersect, they create _____ angles.

5. What does the scripture Proverbs 4:26 teach us about our paths?

- A. To walk in circles
- B. To make level paths
- C. To ignore our direction

6. Can you give an example of where you might see intersecting lines in your home?

7. The angles formed by intersecting lines are random and do not follow any rules.

- True False

8. Vertical angles reflect God's design because they show _____ symmetry.

9. How are vertical angles important in geometry?

- A. They help in measuring distances
- B. They are always equal
- C. They tell us where to draw lines

10. Why is precision important when working with angles?

Answer Key

1. They create angles 2. Vertical angles are the angles opposite each other when two lines cross. They are always equal to each other. 3. False 4. four 5. To make level paths 6. I can see intersecting lines where the walls and ceiling meet or where the floor tiles cross. 7. False 8. mathematical 9. They are always equal 10. Precision is important because it helps us create accurate shapes and designs, reflecting order in God's creation.