

Angle Explorers

Let's explore the world of lines and angles!

Part 1: Identify the Lines

1. Lines that never cross are called _____ lines.
2. Lines that cross to form a perfect 't' or 'L' shape are _____ lines.
3. Lines that cross at any point are called _____ lines.
4. The rails of a train track are an example of _____ lines.
5. The corners of a square are made by _____ lines.

Part 2: Identify the Angles

6. An angle that forms a perfect square corner is a _____ angle.
7. An angle that is smaller than a right angle is an _____ angle.
8. An angle that is larger than a right angle is an _____

angle.

9. The angle at the tip of a sharp pencil is _____.

10. The angle of a fully opened book (flat) is a straight angle. Is it bigger or smaller than an obtuse angle? _____

Part 3: Puzzles

11. How many right angles does a rectangle have? _____

12. A triangle has one obtuse angle. Can it have a right angle too?

13. Look at the letter 'X'. What kind of lines does it show?

14. Look at the letter 'L'. What kind of angle does it show?

15. A pizza slice usually has what kind of angle at its point?

Answer Key

1. parallel | 2. perpendicular | 3. intersecting | 4. parallel | 5. perpendicular | 6. right | 7. acute | 8. obtuse | 9. acute | 10. Bigger | 11. 4 | 12. No | 13. Intersecting | 14. Right angle | 15. Acute