

Name :

Date :

Grade :VI

Worksheet

Submission Date :

Subject : Math

Parent's sign :

LINES AND ANGLES

Q1. Which of the following correctly defines a line?

- (a) A straight path that has two endpoints
- (b) A portion of a line with one endpoint
- (c) A straight path extending endlessly in both directions
- (d) A curve that connects two points

Q2. Which figure correctly shows a ray?

- (a) A path from A to B with no endpoints
- (b) A segment from A to B
- (c) A line from A to B going beyond B
- (d) A path starting from A and going endlessly through B

Q3. Which angle is the result of a quarter-turn rotation?

- (a) Acute angle (b) Right angle (c) Straight angle (d) Reflex angle

Q4. Which of the following is a correct representation of an obtuse angle?

- (a) 45° (b) 90° (c) 135° (d) 180°

Q5. If a fold divides a straight angle into two equal parts, what angle is formed?

- (a) Straight angle (b) Right angle (c) Reflex angle (d) Acute angle

Q6. Which of these angles is reflex?

- (a) 30° (b) 120° (c) 180° (d) 270°

Q7. Which tool is used to measure angles in degrees?

- (a) Ruler (b) Compass (c) Protractor (d) Divider

Q8. Which angle is formed when the clock shows 3 o'clock?

- (a) 30° (b) 90° (c) 120° (d) 150°

Q9. What is the name of the angle formed by two rays with a common endpoint?

- (a) Segment (b) Line (c) Angle (d) Ray

Q10. Which of the following has no length, breadth, or height?

- (a) Point (b) Line (c) Angle (d) Ray

Q11. What is the total degree measure in a full turn?

- (a) 90° (b) 180° (c) 270° (d) 360°

Q12. The angle of an open door is an example of:

- (a) Ray (b) Right angle (c) Angle in real life (d) Straight line

Q13. How many rays form an angle?

- (a) 1 (b) 2 (c) 3 (d) 4

Q14. Which of the following is always written in the middle when naming an angle?

- (a) Any arm (b) Vertex (c) Ray (d) Segment

Q15. An angle of 90° is also known as:

- (a) Acute (b) Straight (c) Reflex (d) Right

Q16. Draw angles with the following degree measures:

- a. 60° b. 45°

- c. 180°

- d. 300°