



INDIAN SCHOOL NIZWA - WORKSHEET

	MATHEMATICS	
	CH – 2 LINES AND ANGLES	
Name: _____	Date: _____	Class: VI Sec:___

CHOOSE THE CORRECT ANSWER:

- What is a line segment?
 - A part of a line with two endpoints.
 - A line that extends indefinitely in both directions.
 - A portion of a line that starts at a point and goes in one direction.
 - None of the above.
- What is the degree measure of a straight angle?
 - 90°
 - 180°
 - 360°
 - 0°
- Which of the following is an example of a ray?
 - A closed loop
 - A beam of light from a lighthouse
 - A line with two endpoints
 - A straight angle
- Which angle is larger?
 - Acute angle
 - Right angle
 - Obtuse angle
 - Reflex angle
- A protractor is used to
 - Draw circles
 - Measure line segments
 - Measure angles in degrees
 - Fold paper into halves
- What is the common endpoint of two rays called?
 - Line segment
 - Vertex
 - Angle
 - Base
- What is the degree measure of a full rotation?
 - 90°
 - 180°
 - 360°
 - 270°
- A reflex angle is:
 - Greater than 180° but less than 360°
 - Equal to 90°
 - Less than 90°
 - Exactly 180°

9. How many right angles make a straight angle?
a) 1 b) 2 c) 3 d) 4
10. A line can be extended
a) In one direction only
b) Between two fixed points
c) Indefinitely in both directions
d) Only to the left
11. Two perpendicular lines form an angle of:
a) 45° b) 90° c) 180° d) 360°
12. An angle of 270° is called:
a) Right angle b) Reflex angle c) Straight angle d) Full angle
13. How many acute angles can a triangle have?
a) 1 b) 2 c) 3 d) 4
14. Which of these is true about the arms of an angle?
a) They are parallel to each other
b) They start from the vertex
c) They always form a right angle
d) They never intersect
15. An angle $\frac{1}{4}$ th of a full rotation is called:
a) Straight angle b) Reflex angle c) Right angle d) Acute angle
16. The hands of a clock form a 90° angle at:
a) 3 O' clock b) 6 O' clock c) 9 O' clock d) 12 O' clock
17. The degree measure of the angle between two adjacent spokes in the Ashoka Chakra is:
a) 30° b) 15° c) 45° d) 60°
18. If one angle in a straight line is 110° , what is the other angle?
a) 90° b) 70° c) 110° d) 180°
19. How many right angles can a triangle have?
a) 1 b) 2 c) 3 d) 0
20. How many angles are formed when two lines intersect?
a) 1 b) 2 c) 3 d) 4