

REINFORCEMENT WORKSHEET NO. 1

- Basics of Geometry
- Perimeter of Triangle, Rectangle & Square

Q No.1: Match the Column.

Column A	Column B
Fixed distance between two points	
A particular location	
Quadrilateral	
Goes forever in both directions	
Parallel lines	
Intersecting lines	
Three sided polygon	

Q No.2: What do the following things represent in our surrounding?

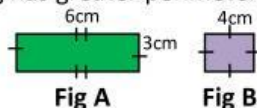
- 1) Tip of pencil _____ (ray, point)
- 2) An edge of paper _____ (line, line segment)
- 3) Light rays coming out of switched on torch _____ (ray, line segment)
- 4) Opposite edges of ruler _____ (parallel line segments, perpendicular line segments)

Q No. 3: Choose the correct answer.

- 1: Two or more parallel lines _____ intersect each other.
 - a) Never
 - b) Always
 - c) Sometimes
- 2: Perimeter of a triangle with each side of 12 cm is ____ cm:
 - a) 36
 - b) 24
 - c) 16
- 3: In which situation concept of perimeter will be used:
 - a) Carpeting of floor of a room
 - b) Fencing around the garden
 - c) Tiling of floor of kitchen
- 4: Asad is measuring border of his carom board. He measures around the entire outside of board and finds it to be 32 units. What is perimeter of board?
 - a) 32 units
 - b) 128 units
 - c) 64 units

5: Which of the following has greater perimeter?

- a) Fig B
- b) Fig A

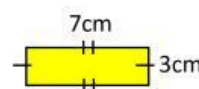


6: The perimeter of a square tile with each side of 3 inches will be _____ inches

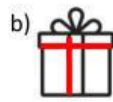
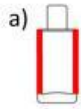
- a) 9
- b) 12
- c) 6

7: Which is the correct solution for given figure?

- a) Perimeter = $2l + 2w$
 $= 2 \times 7\text{cm} + 2 \times 3\text{cm}$
 $= 14\text{cm} + 6\text{cm}$
 $= 20\text{cm}$
- b) Perimeter = $2l + 2w$
 $= 2 + 7\text{cm} \times 2 + 3\text{cm}$
 $= 9\text{cm} + 5\text{cm}$
 $= 14\text{cm}$



8: Which of the following figure shows pair of perpendicular lines:

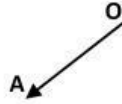


9: Which letter has parallel lines

- a) E
- b) I
- c) Both (a) and (b)

10: What is the name of given figure ?

- a) Ray AO
- b) Ray OA
- c) Both (a) and (b)



Q No.4: Mark as true or false.

- a) Line AB is parallel to line CD. **True / False**
- b) Line AB intersects line EF at point H. **True / False**
- c) $\overleftrightarrow{AB}$ is a horizontal line. **True / False**
- d) Line segment KH can be represented as $\overleftrightarrow{KH}$. **True / False**
- e) $\overleftrightarrow{AB} \perp \overleftrightarrow{CD}$. **True / False**
- f) $\overleftrightarrow{AB} \parallel \overleftrightarrow{EF}$. **True / False**

