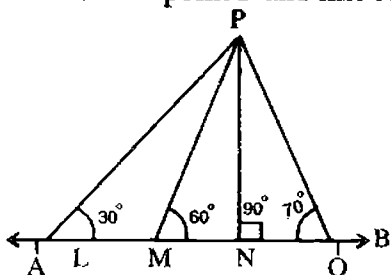


OBJECTIVE

- | | |
|---|---|
| <p>1. Which of the following sets of lengths can be the lengths of the sides of a triangle:</p> <ul style="list-style-type: none">(a) 2cm, 3cm, 5cm(b) 3cm, 4cm, 5cm(c) 2cm, 4cm, 7cm(d) None | <p>2. Two sides of a triangle measure 10cm and 15cm. Which of the following measure is possible for the third side!</p> <ul style="list-style-type: none">(a) 5cm(b) 20cm(c) 25cm(d) 30cm |
|---|---|

3. In the figure, P is any point and AB is a line. Which of the following is the short distance between the point P and line AB.



- (a) \overline{mPL}
 (b) \overline{mPM}
 (c) \overline{mPN}
 (d) \overline{mPO}
4. In the figure, P is any point lying away from the line AB. Then \overline{mPL} will be shortest distance if:
-
- (a) $m\angle PLA = 80^\circ$
 (b) $m\angle PLB = 100^\circ$
 (c) $m\angle PLA = 90^\circ$
 (d) None
5. The angle opposite to the longer side is:
- (a) Greater
 (b) Shorter
 (c) Equal
 (d) None
6. In right angle triangle greater angle of:

- (a) 60°
 (b) 30°
 (c) 75°
 (d) 90°
7. In an isosceles right-angled triangle angles other than right angle are each of:
- (a) 40°
 (b) 45°
 (c) 50°
 (d) 55°
8. A triangle having two congruent sides is called ____ triangle.
- (a) Equilateral
 (b) Isosceles
 (c) Right
 (d) None
9. Perpendicular to line form an angle of ____
- (a) 30°
 (b) 60°
 (c) 90°
 (d) 120°
10. Sum of two sides of triangle is ____ than the third.
- (a) Greater
 (b) Smaller
 (c) Equal
 (d) None
11. The distance between a line and a point on it is ____
- (a) Zero
 (b) One
 (c) Equal
 (d) None

ANSWER KEY

1.	b	2.	b	3.	c	4.	c	5.	a
6.	d	7.	b	8.	a	9.	c	10.	a
11.	a								