

THE INDIAN HEIGHTS SCHOOL**CLASS -VI****SUBJECT- Mathematics****WORKSHEET-Chapter 5-Understanding Elementary shapes****NAME-****DATE- 11.9.13**

Q1 In a $\triangle ABC$ $AB=12$ cm , $BC=13$ cm , $AC=5$ cm and $\angle C=90^\circ$. Classify the triangle according to sides and angle.

Q2 State the following as true or false .Correct the statement if false.

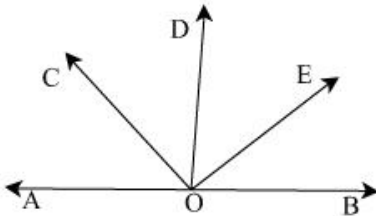
- (a) An obtuse angle is $< 90^\circ$.
- (b) A measure of a complete angle is 360° .
- (c) Straight angle lies between one fourth and half of a revolution.

Q3 If $BD = 2BA + AD$, $LM = 3LP - PM$ and $BA = 3$ cm, $AD = 2.5$ cm $LP = 4$ cm and $PM = 1.5$ cm, find which is one is greater BD or LM ?

Q4 If an angle "x" possesses the attribute that it is a straight line and another angle "y" is made by a vertical line and horizontal line. The angles "x" and "y" are

- (a) right angle and straight angle
- (b) obtuse angle and acute angle
- (c) straight angle and right angle
- (d) straight angle and obtuse angle

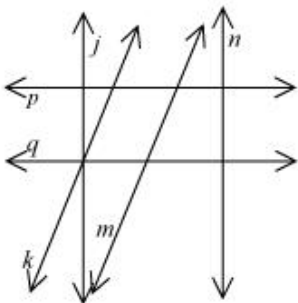
Q5



In the given figure $\angle BOE$ represents

- (a) An acute angle
- (b) a right angle
- (c) an obtuse angle
- (d) a straight angle

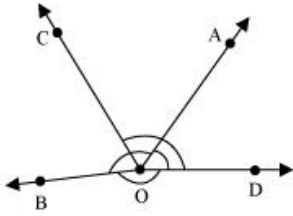
Q6



How many lines are perpendicular to the line q in the given figure

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

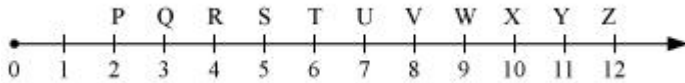
Q7



With respect to the figure given above, which of the following figure is an acute angle

- (a) $\angle AOD$ (b) $\angle COD$ (c) $\angle AOB$ (d) $\angle BOD$

Q8



Which of the following statements is incorrect with respect to the given figure?

- (a) $PT=WZ$ (b) $QS=UW=XZ$
 (c) T is the mid-point of QW (d) X is the mid-point of WZ

Q9 A three dimensional figure which has two bases of identical polygons which are separated by equal distances and whose lateral faces are rectangular in shape is a

- (a) prism (b) pyramid (c) sphere (d) cylinder