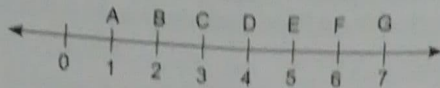


A. Very Short Answer Type Questions (1 Mark)

1. Is E the mid point of CG?



2. Which direction will you face if you start facing East and make half a revolution clockwise?
3. Where will the clock hand stop if it starts at 5 and makes half a revolution clockwise?
4. What is the angle between any two consecutive digits on the face of a clock?
5. How many right angles do you make if you start facing south and turn clockwise to east?
6. What type of triangle is a triangle with sides 7 cm, 8 cm and 9 cm?
7. What type of triangle is a triangle with sides 11 cm, 11 cm and 10 cm?
8. What type of triangle is a triangle with measures of interior angles as 53° , 37° and 90° ?

9. Draw a rough sketch of a scalene right triangle?

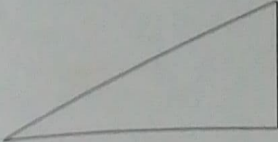
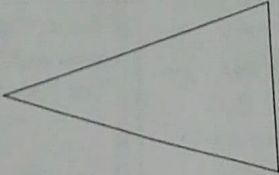
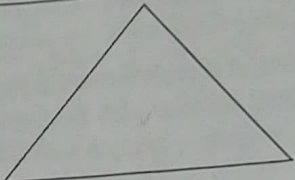
10. How many sides has a do-decagon?

B. Short Answer Type Questions (2 Marks)

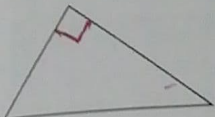
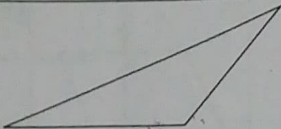
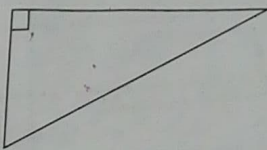
1. Draw any line segment, say PR. Mark any point Q lying in between P and R. Measure the lengths of PR, PQ and QR. Verify that $PQ + QR = PR$.
2. If A, B, C are three points on a line such that $AB = 7$ cm, $BC = 4$ cm and $AC = 11$ cm, which one of them lies between the other two?
3. If A, B, C are three points on a line such that $AB = 10$ cm, $BC = 3$ cm and $AC = 7$ cm, which one of them lies between the other two?
4. Find the angle measure between the hands of the clock when the clock shows 4:00.
5. Classify each one of the following angles:

(a)	(b)	(c)	(d)	(e)
_____	_____	_____	_____	_____

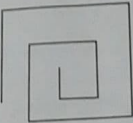
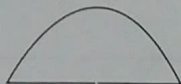
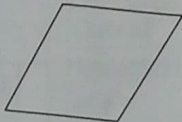
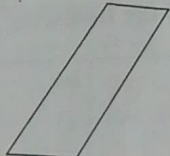
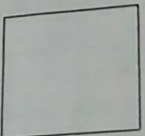
6. By observation say if each of the triangles is scalene, isosceles or equilateral.

<p>(a)</p>  <p>_____</p>	<p>(b)</p>  <p>_____</p>	<p>(c)</p>  <p>_____</p>
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7. By observation say if each of the triangles is acute, obtuse or right.

<p>(a)</p>  <p>_____</p>	<p>(b)</p>  <p>_____</p>	<p>(c)</p>  <p>_____</p>
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8. Are following figures polygons? Justify your answer?

<p>(a)</p>  <p>_____</p>	<p>(b)</p>  <p>_____</p>	<p>(c)</p>  <p>_____</p>	<p>(d)</p>  <p>_____</p>	<p>(e)</p>  <p>_____</p>
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C. Short Answer Type Questions (3 Marks)

1. A, B, C, D are four collinear points taken in order. If B is the mid point of AC and C is the mid point of BD. Show that $AB = CD$.

* 2. A, B, C, D are four collinear points taken in order such that $AB = CD$. Also B is the mid point of AC. Show that C is the mid point of BD.

3. A, B, C, D are four collinear points taken in order such that $AB = CD$. Show $AC = BD$.

4. A, B, C, D are four collinear points taken in order such that $AC = BD$. Show $AB = CD$.
