

KENDRIYA VIDYALAYA SITAPUR

PERIODIC TEST- I

SESSION: 2017-18

SUB: MATHEMATICS

MAX.MARKS: 40 TIME ALLOWED:

$1\frac{1}{2}$ Hour

CLASS: VII

GENERAL INSTRUCTIONS:-

1. All the questions are compulsory.
2. The question paper consists of 16 questions divided into 4 sections A, B, C and D.
3. Section A contains 4 questions of 1 mark each.
4. Section B contains 4 questions of 2 marks each.
5. Section C contains 4 questions of 3 marks each.
6. Section D contains 4 questions of 4 marks each.

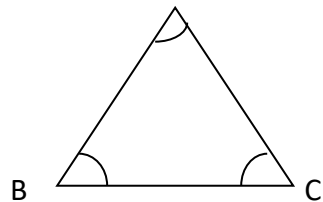
SECTION: A

- Q.1. Find the Supplement of 115° ?
- Q.2. Solve for x : $2x+5= 9$
- Q.3. The line segment joining the vertex of a triangle and the mid-point of its opposite sides is called ,,,,,,,,,,,,,, ?
- Q.4. Find the range of the following data : 26,13,12,24,10,6,9,11 ?

SECTION: B

- Q.5. The length of a rectangle is 4cm more than its breadth. If the breadth is x cm then find the length of rectangle in algebraic statement.
- Q.6. Solve: $\frac{3}{5} + \frac{2}{7}$

Q.7. A



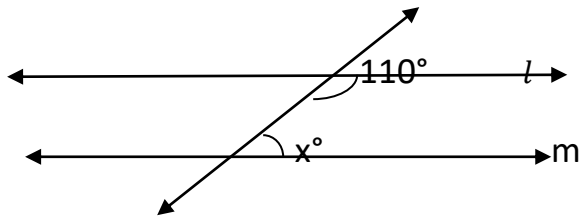
If $\angle A= 60^\circ$, $\angle B= 70^\circ$. Find , $\angle C = ?$ C.

Q.8.Fill in the blanks :

- a) If two angles are Complementary, then the sum of their measures is =
- b) If two angles are Supplementary, then the sum of their measures is =.....

SECTION-C

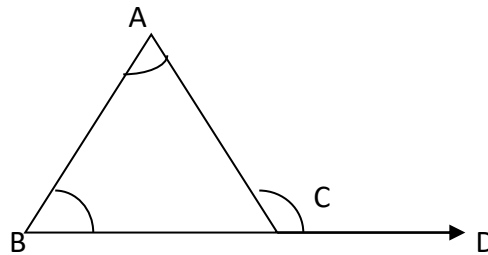
Q.9. . Find x° if l is parallel to m .



Q.10. Using distributive property : Evaluate: 865×101

Q.11. Find the median of the data: 13,16,12,14,19,12,14,13,14 ?

Q 12.

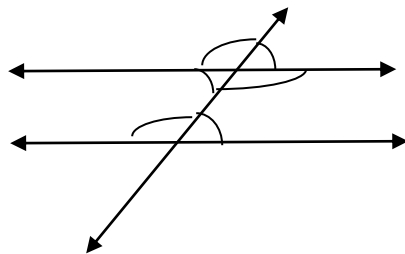


In ΔABC , $\angle A = 40^\circ$, $\angle B = 75^\circ$. Find Exterior $\angle C$?

SECTION -D

Q 13. A cement company earns a profit of ₹ 8 /bag of white cement sold and a loss of ₹ 5/bag of grey cement sold .The company sells 3000 bags of white cement and 5000 bags of grey cement in a month .What is its profit or loss?

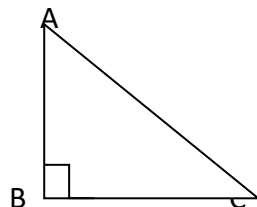
Q.14. If two parallel lines intersecting by a transversal .



In above fig. (i) Mention the Pair of corresponding angles.(Hint : Using $\angle 1$, $\angle 2$ and so on)

(ii) Mention the Pair of alternate angles.

Q 15. In ΔABC Right Angled at B. $AB = 5\text{cm}$, $BC = 12\text{cm}$. Find AC ?



Q.16. Multiply : $\frac{4}{5} \times \frac{12}{7}$

Divide: $5 \div 3\frac{4}{7}$

-----GOOD LUCK -----