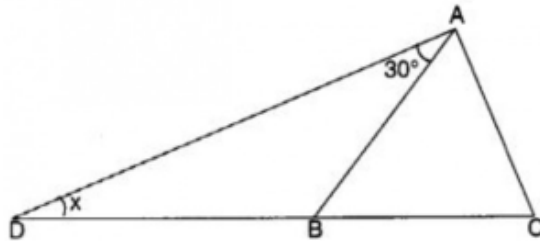


CLASS TEST ON MID-TERM SYLLABUS (CLASS – 7)**FULL MARKS: 15****Choose the correct option.****1x3=3**

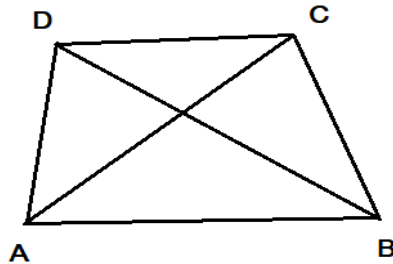
1. If p: when a positive integer and a negative integer are added we always get a negative integer and q: when two negative integers are added, we get a positive integer, then.
(a) Both p and q are true (b) p is true and q is false
(c) p is false and q is true (d) Both p and q are false
2. 14. The range of the weights (in kg) of students of a class given below is: 49, 60, 47, 50, 47, 59, 58, 45, 53
(a) 10 (b) 15 (c) 20 (d) 2
3. Two angles of a triangle measure 90° and 30° . The measure of the third angle is
(a) 90° (b) 30° (c) 60° (d) 120°

Answer the following questions.

4. In the following figure, $\triangle ABC$ is an equilateral triangle. Find $\angle x$.

[2]

5. People of Sundarban planted a total of 102 trees in the village garden. Some of the trees were fruit trees. The number of non-fruit trees were two more than three times the number of fruit trees. What was the number of fruit trees planted? **[2]**
6. ABCD is a quadrilateral. Is $AB+BC+CD+DA > AC+BD$? Prove. **[3]**



7. Two hundred students of 6th and 7th class were asked to name their favourite colour so as to decide upon what should be the colour of their School Building. The results are shown in the following table. Represent the given data on a bar graph.

Favourite Colour	Red	Green	White	Yellow	Blue
No. of Students	43	19	55	49	34

Answer the following questions with the help of the bar graph:

- (i) How many colours are there in all? What are they?
- (ii) Which is the most preferred colour and which is the least preferred?

[3+1+1]