

**BHARTIYA SHIKSHA BOARD**  
**UNIT TEST – TERM I**  
**MATHEMATICS – CLASS VII**  
**SESSION 2026-27**

**Time: 1 Hour**

**Max Marks: 20**

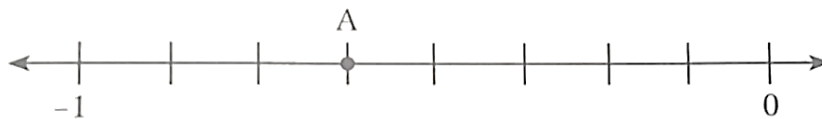
**GENERAL INSTRUCTIONS:**

- Read the questions carefully.
- Please check that this question paper contains **02** printed pages.
- **10** minutes of extra time has been allotted to read this question paper. During this time, students will not start writing the answers.
- This question paper contains **10** questions. Attempting all the questions is compulsory.

1.  $10 \div \frac{1}{3} =$  **(1 Mark)**

- (a) 3.33      (b) 30      (c)  $\frac{3}{10}$       (d)  $\frac{10}{3}$

2. The rational number marked by A on the following number line is: **(1 Mark)**

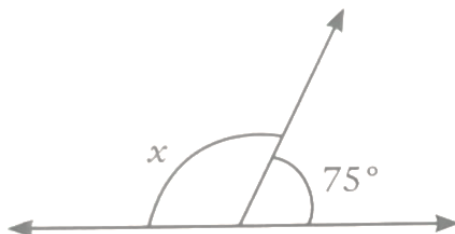


- (a)  $\frac{-5}{10}$       (b)  $\frac{-8}{5}$       (c)  $\frac{5}{8}$       (d)  $\frac{-5}{8}$

3. The value of x in the equation  $3x - 11 = 28$  is: **(1 Mark)**

- (a) 13      (b) 12      (c) 11      (d) 10

4. The value of x, in the following figure is: **(1 Mark)**



- (a)  $135^\circ$       (b)  $105^\circ$       (c)  $75^\circ$       (d)  $15^\circ$

5. The length of two sides of a right triangle are 8 cm and 6 cm. The length of its hypotenuse is: **(1 Mark)**

- (a) 28            (b) 2            (c) 10            (d) 14

6. Match the product/division of integers given in column I with their correct answers in column in II. **(2 Marks)**

Column I	Column II
a. $(-12) \times 2$	i. -3
b. $(-5) \times (-8)$	ii. 2
c. $21 \div (-7)$	iii. -24
d. $(-64) \times (-32)$	iv. 40

7. Multiply  $\frac{11}{12}$  by the reciprocal of  $1\frac{2}{3}$ . **(2**

**Marks)**

8. Simplify:  $\left(\frac{2}{3} - \frac{3}{4}\right) \div \left(\frac{-5}{6} + \frac{6}{5}\right)$ . **(3 Marks)**

9. Raju is 8 years older than twice of Hina's age. If he is 38 years old at present, then how old is Hena? **(3 Marks)**

10. In the following figure,  $AB \parallel CD$ . Find  $x$  and  $y$ . **(3 Marks)**

