

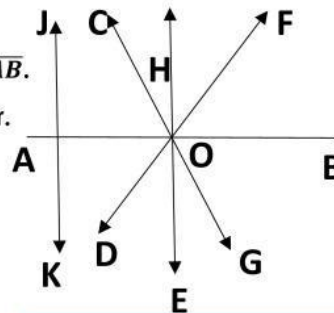
Q1: Choose the best option:

- Which of the following gives least answer
a) $|-3-9|$ b) opposite of 8 c) Additive inverse of 9 d) -2×-7
- A line segment has _____ bisectors
a) No b) Unique c) infinite d) two
- After attaining height of 4030ft, the engine fell into ocean into depth of 1010ft, how far did it fell?
a) 3020 b) 5040 c) 4030 d) -1010
- $(-11+2) \times 3 \div 9$ is equals to
a) 23 b) 3 c) -3 d) 27
- The temperature was 11 degrees Celsius in the beginning then temperature falls down to 7 degrees Celsius. Find the new temperature?
a) 3°C b) 4°C c) -3°C d) -4°C
- If $(-50) \div x = 1$ then x is
a) 1 b) 50 c) 10 d) -50



Q2: Fill in the blanks according to figure.

- _____ is a right bisector of line segment $\overline{AB}$.
- _____ is a bisector but not the right bisector.
- If $m\overline{OB}$ is 3.5cm then $m\overline{OA}$ is _____
- $m\overline{AB}$ is _____
- $\overline{JK}$ is perpendicular to _____



Q3: Guess who I am?



I am less than -2
but greater than
opposite of 4.
I am _____

I am unique
number which
when multiplied
by a number get
the number itself.
I am _____

Q4: Which of the following statement(s) are same as -2×-4

- 2 times addition of opposite of 4
- 2 groups of $-(-4)$
- 2×4
- $(-4) + (-4)$
- $-(-4) - (-4)$

Q5: Identify following statements as true or false:

- Sum of a number and its additive inverse is Additive identity. **True / False**
- Product of -11 and 16 is 176. **True / False**
- Least negative integer is -1. **True / False**
- You have Rs 600 in bank account. You withdraw Rs 300 and deposit Rs 500. Your new balance is Rs 800. **True / False**
- Quotient of -1515 and -15 is 11. **True / False**

Q6: Which of the solution is correct for simplification of $-72 \div [-36 + 3 \times 9]$

Option 1:

$$\begin{aligned} &-72 \div [-36 + 3 \times 9] \\ &-72 \div [-36 + 3 \times 9] \\ &2 + 3 \times 9 \\ &5 \times 9 \\ &45 \end{aligned}$$

Option 2:

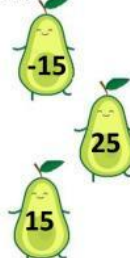
$$\begin{aligned} &-72 \div [-36 + 3 \times 9] \\ &-72 \div [-36 + 27] \\ &-72 \div 9 \\ &-8 \end{aligned}$$

Option 3:

$$\begin{aligned} &-72 \div [-36 + 3 \times 9] \\ &-72 \div [-36 + 27] \\ &-72 \div -9 \\ &8 \end{aligned}$$

Q7: Match the statement with simplified correct answer:

- $|-15 \times \text{opposite of multiplicative identity}|$
- $-(-8) + (-23)$
- Subtract -5 from 20
- 6 added to product of 3 and -3
- Quotient of additive inverse of 45 and -3



Q8: How many integers lies between -8 and 2?

- 7
- 4
- 0
- 9