

Banking Daily Quiz Blog - February 1



What should come in place of question mark (?) in following questions?

1. $12 \times 8 + (?)^2 = (14)^2$

A 6

B 8

C 9

D 10

E 12

Solution

$$(?)^2 = 196 - 96$$

$$?^2 = 100$$

$$? = 10$$

What should come in place of question mark (?) in following questions?

2. $40\% \text{ of } 400 + ? \% \text{ of } 300 = 250$

A 40

B 36

C 25

D 30

E 20

Solution

$$\begin{aligned}\frac{40}{100} \times 400 + \frac{300}{100} \times ? &= 250 \\ 160 + 3 \times ? &= 250 \\ ? &= \frac{90}{3} = 30\end{aligned}$$

What should come in place of question mark (?) in following questions?

3. $\sqrt{441} \div 7 = ? - 180$

A 185

B 183

C 187

D 184

E 182

Solution

$$21 \div 7 = ? - 180$$

$$? = 183$$

What should come in place of question mark (?) in following questions?

4. $\sqrt{576} - \sqrt{144} + \sqrt{729} = 36 + ?$

A 1

B 2

C 3

D 4

E 5

Solution

$$24 - 12 + 27 = 36 + ?$$

$$? = 3$$

What should come in place of question mark (?) in following questions?

5. $119 + 41 + 9 = ?^2$

A 6

B 8

C 10

D 12

E 13

Solution

$$119 + 41 + 9 = ?^2$$

$$? = 13$$

What should come in place of question mark (?) in following questions?

6. $12\% (? + 100) = 18$

A 40

B 50

C 30

D 100

E 60

Solution

$$\begin{aligned}\frac{12}{100} \times (? + 100) &= 18 \\ ? + 100 &= 150 \\ ? &= 150 - 100 \\ ? &= 50\end{aligned}$$

What should come in place of question mark (?) in following questions?

7. $\frac{\sqrt[3]{1331}}{11} + \sqrt{81} + ? = 27$

A 12

B 14

C 15

D 17

E 19

Solution

$$\begin{aligned}\frac{11}{11} + 9 + ? &= 27 \\ 1 + 9 + ? &= 27 \\ ? &= 17\end{aligned}$$

What should come in place of question mark (?) in following questions?

8. $?^2 + \sqrt{400} = 6^2$

A 5

B 4

C 3

D 2

E 1

Solution

$$?^2 + 20 = 36$$

$$?^2 = 16$$

$$? = 4$$

What should come in place of question mark (?) in following questions?

9. $9\frac{1}{3} + 7\frac{1}{2} = ? + 5\frac{1}{6} + 6\frac{1}{3}$

A $5\frac{1}{3}$

B $4\frac{1}{2}$

C 4

D 5

E 6

Solution

$$? = 9\frac{1}{3} + 7\frac{1}{2} - 5\frac{1}{6} - 6\frac{1}{3}$$

$$? = 9 + 7 - 5 - 6 \left(\frac{1}{3} + \frac{1}{2} - \frac{1}{6} - \frac{1}{3} \right)$$

$$? = 5\frac{1}{3}$$

What should come in place of question mark (?) in following questions?

10. **80% of ? \div 25 = 12**

A 330

B 375

C 300

D 340

E

310

Solution

$$80\% \text{ of } ? \div 25 = 12$$

$$= ? \times \frac{80}{100} = 12 \times 25$$

$$= ? \times \frac{4}{5} = 300$$

$$? = 375$$

