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Simplification Questions for Bank Clerk Pre Exams.

Simplification Quiz 3

Directions: What value should come in place of Question mark (?) in the following question?

1. $(764 \times ?) \div 250 = 382$

- A. 115 B. 145 C. 135 D. 125 E. None of these

2. $\frac{1}{4} \times (4856 \times 0.5) \times 12 = ?$

- A. 7284 B. 7462 C. 7262 D. 7414 E. None of these

3. $853 + ? \div 17 = 1000$

- A. 2516 B. 2482 C. 2499 D. 16147 E. None of these

4. $9643 - 7750 + ? = 4990$

- A. 3079 B. 3097 C. 3090 D. 4010 E. None of these

5. $6156 \div \sqrt{?} \times 53 = 4028$

- A. 6889 B. 6241 C. 5929 D. 6561 E. None of these

6. $18\frac{2}{3} + 7\frac{1}{2} = ?$

- A. $26\frac{1}{3}$ B. $19\frac{1}{2}$ C. $26\frac{1}{6}$ D. $25\frac{2}{3}$ E. None of these

7. $(38)^2 + (63)^2 + (?)^2 = 6089$

- A. 26 B. 24 C. 28 D. 32 E. None of these

8. $-224 + (-314) \times (-9) = ?$

- A. -547 B. 2602 C. +547 D. -2602 E. None of these

9. $8.7 + 6.2 \times 7.5 = ?$

- A. 55.04 B. 55.02 C. 66.48 D. 104.02 E. None of these

10. $64344 + 5239 + 4423 + 123 = ?$

- A. 74126 B. 74223 C. 74129 D. 75624 E. None of these

Correct Answers:

1	2	3	4	5	6	7	8	9	10
D	A	C	B	D	C	A	B	E	C

Explanations:

1.

$$\frac{764 \times ?}{250} = 382$$

$$? = \frac{382 \times 250}{764} = 125$$

Hence, option D is correct.

2.

$$\frac{1}{4} \times (4856 \times 0.5) \times 12 = 7284$$

Hence, option A is correct.

3.

$$853 + \frac{?}{17} = 1000$$

$$\frac{?}{17} = 1000 - 853 = 147$$

$$? = 17 \times 147 = 2499$$

Hence, option C is correct.

4.

$$? = 4990 - 9643 + 7750 = 3097$$

Hence, option B is correct.

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5.

$$\frac{6153 \times 53}{\sqrt{?}} = 4028$$

$$\Rightarrow \sqrt{?} = 80.96 \approx 81$$

$$\Rightarrow ? = 6561$$

Hence, option D is correct.

6.

$$\frac{56}{3} + \frac{15}{2} = \frac{112 + 45}{6} = \frac{157}{6} = 26\frac{1}{6}$$

Hence, option C is correct.

7. $?^2 = 6089 - 1444 - 3969 = 676$

$$? = 26$$

Hence, option A is correct.

8. $-224 + (-314) \times (-9) = -224 + 2826 = 2602$

Hence, option B is correct.

9. $8.7 + 6.2 \times 7.5 = 8.7 + 46.5 = 55.2$

Hence, option E is correct.

10. $64344 + 5239 + 4423 + 123 = 74129$

Hence, option C is correct.

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