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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:**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
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.  $(?)^3 \times (5^5) \div 225 = 3000$

$$(?)^3 \times (5^5) = 3000 \times 225 = 675000$$

$$(?)^3 = 675000 \div (5^5) = 216$$

$$? = 6$$

Hence, option A is correct.

9.

$$\frac{(? - 968)}{79} \times 4 = 512$$

$$\Rightarrow ? = \frac{512 \times 79}{4} + 968 = 11080$$

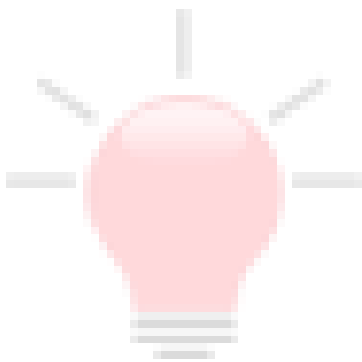
Hence, option A is correct.

10.

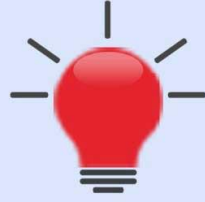
$$? = 1008 \times \frac{7}{4} \times \frac{3}{2} = 2646$$

Hence, option D is correct.

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