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10. 33.33% of  $899.99 \times 50 - 429.89 = ? + 34.11$

A. 10655

B. 16789

C. 12342

D. 19867

E. 14536

Correct Answers:

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

Explanations:

1.

$$\sqrt{578} \times \sqrt{1297} + \frac{23}{100} \times 456 = ?$$

$$? = 24.01 \times 36.01 + 104.88$$

$$? \approx 24 \times 36 + 105$$

$$\therefore ? \approx 969$$

Hence, option (C) is correct.

2.  $12.15 \times 24.8 \times ? = 4556.8 + 56.2$

$$= 12 \times 25 \times ? = 4557 + 56$$

$$\Rightarrow 300 \times ? = 4613$$

$$\Rightarrow ? = \frac{4613}{300}$$

$$\Rightarrow ? = 15.37$$

$$\Rightarrow ? \approx 15$$

Hence, option (A) is correct. .

3.

$$\frac{4}{5} \times \frac{6}{7} \times \frac{23}{4} \times \frac{56}{5} \times 789.89 = ?$$

$$? = \frac{4}{5} \times \frac{6}{7} \times \frac{23}{4} \times \frac{56}{5} \times 789.89$$

$$? \approx \frac{4}{5} \times \frac{6}{7} \times \frac{23}{4} \times \frac{56}{5} \times 790$$

$$? = 34886.4$$

$$? \approx 34886$$

Hence, option (D) is correct.

4.

$$\frac{13456.965}{9.98} + (36.21 + \sqrt{1226.5}) = ?$$

$$? \approx \frac{13457}{10} + (36 + 35.02)$$

$$? \approx 1345.7 + 71.02$$

$$? \approx 1346 + 71$$

$$? \approx 1417$$

Hence, option (B) is correct.

5.

$$(7.04)^2 + (6.98)^3 + 567.123 - (4.12)^4$$

$$? \approx (7)^2 + (7)^3 + 567 - (4)^4$$

$$= 49 + 343 + 567 - 256$$

$$= 703$$

Hence, option (C) is correct.

6.

$$\frac{1}{3} \times 44.78\% \text{ of } 999.999 = ? - 65.32$$

$$\approx \frac{1}{3} \times \frac{45}{100} \times 1000 + 65 = ?$$

$$\Rightarrow 150 + 65 = ?$$

$$\Rightarrow 215 = ?$$

Hence, option B is correct.

7.

$$24.78\% \text{ of } 799.89 - 49.99\% \text{ of } 342.12 = ?$$

$$\approx \frac{25}{100} \times 800 - \frac{50}{100} \times 342 = ?$$

$$\Rightarrow 200 - 171 = ?$$

$$\Rightarrow 29 = ?$$

Hence, option D is correct.

8.

$$456.98 - 655.12 + 989.99 - 3.99 = ?$$

$$\approx 457 - 655 + 990 - 4 = ?$$

$$\Rightarrow 788 = ?$$

Hence, option B is correct.

9.  $\sqrt{1155.98} \% \text{ of } 7000.011 + 674.99 = ?$

$$\approx \frac{\sqrt{1156}}{100} \times 7000 + 675 = ?$$

$$\Rightarrow 34 \times 70 + 675 = ?$$

$$\Rightarrow 3055 = ?$$

Hence, option A is correct.

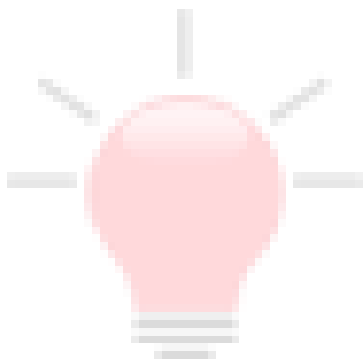
10.  $33.33\% \text{ of } 899.99 \times 50 - 429.89 = ? + 34.11$

$$\approx \frac{1}{3} \times 900 \times 50 - 430 - 34 = ?$$

$$\Rightarrow 15000 - 430 - 34 = ?$$

$$\Rightarrow 14536 = ?$$

Hence, option E is correct.



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