



Approximation

Direction (01 - 06): What approximate value should come in place of Question mark (?) in the following equation?

- $\sqrt{145} + \sqrt{840} + \sqrt[3]{510} = x$ 1.
 - **(A)** 49
- **(B)** 45
- **(C)** 52
- **(D)** 38
- (\mathbf{E}) 55

2.

- 13870.25 + 133% of $1600.43 \frac{7}{5}$ of 4569.87
- $+\frac{1}{3}$ of 257.67 = ?
- **(A)** 8686
- (C) 8900
- **(B)** 9686 **(D)** 7986
- (E) 9866
- $5539.98 \ + \ 140.15 \ \times \ 5.96 \ \ 76.98 \ \times 13 \ +$ **3.**
 - 10.12% of 1199 9.86% of 60.32 = ?
 - **(A)** 5493
- **(B)** 6584
- **(C)** 7134
- **(D)** 8054
- **(E)** 5694
- $6499 + 3601 \times 14.989 8799.9 + 97.334 = ?$ 4.
 - **(A)** 51800
- **(B)** 52300

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- **(C)** 48000
- **(D)** 1700
- **(E)** 59800
- $\frac{5}{7}$ of 7001 + 101.21 + $\frac{6}{9}$ of 863 $3\frac{2}{7}$ OF 1751 5.
 - (A) -37
- **(B)** 60
- **(C)** 80
- **(D)** -16
- (E) -73
- $32\sqrt[3]{?} + 17.08^2 + 601 = 1800$ 6.
 - **(A)** 3
- **(B)** 6
- **(C)** 9
- **(D)** 12
- **(E)** 18

Direction (07 - 11): What appropriate value should come in place of question mark (?) in the following questions:

7. $(13.68)^2 - (4.78)^2 + (8.28)^3 - (5.24)^3 = ?$

- **(A)** 600
- **(B)** 520
- **(C)** 624
- **(D)** 636
- **(E)** 612
- $\sqrt{1024.002} \div 3.996 \div 9.98 + 29 = ?$ 8.
 - **(A)** 3

- **(B)** 9
- **(C)** 30
- **(D)** 90
- **(E)** 80
- 9. $\sqrt{?} = (1248.28 + 51.7) \div 99.9 - 7.98$
 - **(A)** 49
- **(B)** 81
- **(C)** 64
- **(D)** 16
- **(E)** 25
- **10.** $(4444 \div 40) + (645 \div 25) + (3991 \div$
 - 26) = ?
 - **(A)** 280.4
- **(B)** 290.4
- (C) 295.4
- **(D)** 285.4
- **(E)** None of these
- $\sqrt{33124} \times \sqrt{2601} (83)^2 = (?)^2 + (37)^2$
- **(A)** 37
- **(B)** 33
- **(C)** 34
- **(D)** 28
- **(E)** None of these
- 12. What approximate value will come in place of question mark (?) in the following question? $\hat{4}^? \times \sqrt{226} = 245.998 \div 8.001 + 929.99$

 - **(A)** 4

(B) 5

(C) 3

(D) 2

(E) 1

Direction (13 - 16): What approximate value will come in place of question mark (?) in the following question?

- **13.** $27^2 \times 12^3/(48/0.5^2) = 3^2$
 - **(A)** 7

(B) 9

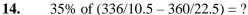
(C) 6

(D) 8

(E) 4



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- **(A)** 1/10
- **(B)** 28/5
- **(C)** 74/5
- **(D)** 42/5
- (E) 41/8

15. 20% of
$$250 \times 120\%$$
 of $? = 480$

- **(A)** 14
- **(B)** 12
- **(C)** 10
- **(D)** 8

(E) 4

66.
$$11.11 \times 9 + \sqrt{(1224)} = ?/3$$

- **(A)** 504
- **(B)** 405
- **(C)** 270
- **(D)** 720
- **(E)** 640
- 17. What approximate value should come in the place of question mark (?) in the following question?

$$263.99 \div (35.05 + 8.08 - 31.99) = ?$$

- **(A)** 22
- **(B)** 24
- **(C)** 34
- **(E)** 28
- **(D)** 18

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18. What approximate value should come in the place of question mark (?) in the following question?

24.96% of 299.99 + 44.98% of 399.99 = ?

- (A) 245
- **(B)** 225
- **(C)** 235
- **(D)** 255
- **(E)** 265
- 19. What approximate value should come in the place of question mark (?) in the following question?

$$119.99 - \{64.95 + 119.99 \div 3.99\} = ?2$$

- **(A)** 15
- **(B)** 10
- **(C)** 8
- **(D)** 7

- (\mathbf{E}) 5
- **20.** What approximate value should come in the place of question mark (?) in the following question?

$$\sqrt{255.95 + 14.99 \times 2.99} = ? + 11.11$$

- **(A)** 40
- **(B)** 50
- (C) 60 (E) 45
- **(D)** 55

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