



1) A number was shared in the ratio 3:15. The smaller share was 23. What was the larger amount?

Answer: _____

2) A number was shared in the ratio 4:9. The smaller share was 8. What was the larger amount?

Answer: _____

3) Decrease 40 by 65%

Answer: _____

4) Increase 10 by 60%

Answer: _____

5) $(10 \times 8^2) \times (10 \times 9^5)$

Answer: _____

6) Round 28.7231 to the nearest whole number.

Answer: _____

7) A number is chosen at random from 1 to 25. Find the probability of selecting factors of 7 and 7.

Answer: _____

8) Write 2×10^3 as a normal number.

Answer: _____

9) $\frac{6}{9} \times \frac{12}{7}$

Answer: _____

10) A number was shared in the ratio 15:2. The smaller share was 28. What was the total amount shared?

Answer: _____

11) Round 25.23578 to 3 decimal places.

Answer: _____

12) $22.6 + 19.2$

Answer: _____

13) Find the mean of the following set of data:
6, 7, 2, 1

Answer:

14) Find the value of 'x' by completing the square of the following equation:
 $x^2 + 8x + 12$

Answer:

15) 'What is the probability of rolling a number less than 1.when rolling a dice

Answer:

Name: _____

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16) $\frac{17}{12} \div \frac{17}{3}$

Answer: _____

17) Write 1×10^6 as a normal number.

Answer: _____

18) $18.45 \div 1.5$

Answer: _____

19) 76% of 30

Answer: _____

20) $(1 \times 10^{-1}) \times (1 \times 10^1)$

Answer: _____

Total: ____ / 20

Name: _____

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Answers:

- | | | | | | | |
|-----------|-------------------|-------------|------------|--------------------------|-------|---------------------|
| 1) 115 | 2) 18 | 3) 14 | 4) 16 | 5) 3779136×10^2 | 6) 29 | 7) $0/1$ |
| 8) 2000 | 9) $1\frac{1}{7}$ | 10) 238 | 11) 25.236 | 12) 41.8 | 13) 4 | 14) $(x + 4)^2 - 4$ |
| 15) $0/1$ | 16) $1/4$ | 17) 1000000 | 18) 12.3 | 19) 22.8 | 20) 1 | |