



1) Find the range of the following set of data: 5, 11, 19 Answer: _____	2) Find the value of 'x' by completing the square of the following equation: $x^2 + 8x + 15$ Answer: _____	3) Find the mean of the following set of data: 0.7, 0.8, 28 Answer: _____
4) Factorise $s^2 + 7s + 10$ Answer: _____	5) Solve by factorising $q^2 + 3q - 10 = 0$ Answer: _____	6) Find the value of 's' by completing the square of the following equation: $s^2 + 8s + 15$ Answer: _____
7) A number is chosen at random from 1 to 50. Find the probability of selecting number less than 13. Answer: _____	8) Solve by factorising $s^2 + 8s + 7 = 0$ Answer: _____	9) 'What is the probability of rolling a number less than 5 when rolling a dice Answer: _____
10) Factorise $6x^2 + 38x + 12$ Answer: _____	11) Share 53 in the ratio 50:3 Answer: _____	12) Find the mean of the following set of data: 0.4, 0.7, 0.5 Answer: _____
13) Factorise $d^2 + 9d + 18$ Answer: _____	14) Factorise $f^2 + 6f + 8$ Answer: _____	15) Find the value of 'j' by completing the square of the following equation: $j^2 + 6j + 9$ Answer: _____



16) 'What is the probability of rolling a number less than 5 when rolling a dice

Answer: _____

17) A number is chosen at random from 1 to 50. Find the probability of selecting multiples of 12.

Answer: _____

18) 'What is the probability of rolling a even prime number.when rolling a dice

Answer: _____

19) Share 17 in the ratio 1:16

Answer: _____

20) Factorise $d^2 + 8d + 12$

Answer: _____

21) Find the mean of the following set of data:
1, 35, 0.3

Answer: _____

22) A number is chosen at random from 1 to 50. Find the probability of selecting number less than 12.

Answer: _____

23) Find the mode of the following set of data:
77, 77, 77, 77, 77, 8, 8, 8, 8, 74, 74,
74, 88, 88, 88

Answer: _____

24) Factorise $q^2 + 6q + 9$

Answer: _____

25) Find the mean of the following set of data:
2, 2, 10, 4, 13, 19

Answer: _____

26) Factorise $j^2 + 9j + 14$

Answer: _____

27) A number was shared in the ratio 2:44. The smaller share was 7. What was the larger amount?

Answer: _____

28) Share 50 in the ratio 19:31

Answer: _____

29) A number was shared in the ratio 28:48. The larger share was 24. What was the smaller amount?

Answer: _____

30) Factorise $q^2 + 5q + 6$

Answer: _____

Name: _____

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- 31) 'What is the probability of rolling factors of 8 when rolling a dice

Answer: _____

- 32) Share 53 in the ratio 15:38

Answer: _____

- 33) Find the mean of the following set of data:
32, 29, 37

Answer: _____

- 34) Find the mean of the following set of data:
31, 0.4, 0.8, 0.9, 23

Answer: _____

- 35) Solve $1d^2 + 15d + 6 = 0$
Round your solutions to 1 decimal place.

Answer: _____

- 36) Solve by factorising
 $x^2 + 3x - 10 = 0$

Answer: _____

- 37) Find the mode of the following set of data:
22, 22, 22, 22, 80, 80, 77, 77, 43, 43

Answer: _____

- 38) Find the mode of the following set of data:
41, 41, 41, 40, 40, 40, 40, 40, 38, 38, 10, 10, 10, 94, 94, 94

Answer: _____

- 39) Find the median of the following set of data:
9, 35, 8, 2, 28, 35, 6, 30, 28, 27, 18, 39, 14, 11

Answer: _____

- 40) Solve by factorising
 $x^2 - 10x + 9 = 0$

Answer: _____

Total: ____ / 40