

Name: _____

August 01, 2018

MATHS WORKSHEET

GENERATOR

11-PLUS
SATS
GCSES



Sr: 01082018-534

- 1) A number was shared in the ratio 16:1. The smaller share was 16. What was the larger amount?

Answer: _____

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

Answer: _____

- 3) 'What is the probability of rolling a number less than 3 when rolling a dice

Answer: _____

- 4) Share 52 in the ratio 13:39

Answer: _____

- 5) 'What is the probability of rolling a multiple of 6 when rolling a dice

Answer: _____

- 6) A number was shared in the ratio 4:24. The larger share was 42. What was the smaller amount?

Answer: _____

- 7) A number is chosen at random from 1 to 50. Find the probability of selecting factors of 13.

Answer: _____

- 8) A number is chosen at random from 1 to 50. Find the probability of selecting factors of 13 and 12.

Answer: _____

- 9) 'What is the probability of rolling a multiple of 1 when rolling a dice

Answer: _____

- 10) A number was shared in the ratio 33:12. The smaller share was 20. What was the total amount shared?

Answer: _____

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

Answer: _____

- 12) Share 60 in the ratio 22:38

Answer: _____

- 13) 'What is the probability of rolling a multiple of 6 when rolling a dice

Answer: _____

- 14) A number was shared in the ratio 15:30. The larger share was 24. What was the smaller amount?

Answer: _____

- 15) Share 44 in the ratio 8:3

Answer: _____



16) 'What is the probability of rolling factors of 2, when rolling a dice

Answer: _____

17) A number was shared in the ratio 27:32. The smaller share was 54. What was the total amount shared?

Answer: _____

18) Share 58 in the ratio 48:10

Answer: _____

19) Share 20 in the ratio 4:1

Answer: _____

20) A number is chosen at random from 1 to 50. Find the probability of selecting even number.

Answer: _____

21) Share 35 in the ratio 7:28

Answer: _____

22) 'What is the probability of rolling a number less than 3, when rolling a dice

Answer: _____

23) Share 45 in the ratio 26:19

Answer: _____

24) Share 53 in the ratio 34:19

Answer: _____

25) Share 35 in the ratio 30:5

Answer: _____

26) A number is chosen at random from 1 to 50. Find the probability of selecting multiples of 15 and 15.

Answer: _____

27) A number is chosen at random from 1 to 50. Find the probability of selecting even number.

Answer: _____

28) 'What is the probability of rolling a multiple of 5 when rolling a dice

Answer:

29) 'What is the probability of rolling factors of 14 when rolling a dice

Answer:

30) 'What is the probability of rolling a number less than 2, when rolling a dice

Answer:



31) 'What is the probability of rolling a even prime number,when rolling a dice

Answer: _____

32) A number was shared in the ratio 3:39. The smaller share was 21. What was the larger amount?

Answer: _____

33) A number is chosen at random from 1 to 50. Find the probability of selecting odd number.

Answer: _____

34) 'What is the probability of rolling a multiple of 5 when rolling a dice

Answer: _____

35) A number was shared in the ratio 44:32. The smaller share was 8. What was the larger amount?

Answer: _____

36) Share 26 in the ratio 14:12

Answer: _____

37) Share 47 in the ratio 13:34

Answer: _____

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

Answer: _____

39) A number was shared in the ratio 28:2. The smaller share was 25. What was the larger amount?

Answer: _____

40) 'What is the probability of rolling a number less than 6 when rolling a dice

Answer: _____

41) A number is chosen at random from 1 to 50. Find the probability of selecting multiples of 11 and 12.

Answer: _____

42) 'What is the probability of rolling a multiple of 1 when rolling a dice

Answer: _____

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

Answer: _____

44) A number was shared in the ratio 44:33. The smaller share was 42. What was the larger amount?

Answer: _____

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

Answer: _____



46) 'What is the probability of rolling factors of 5.when rolling a dice

Answer: _____

47) Share 26 in the ratio 11:15

Answer: _____

48) 'What is the probability of rolling factors of 14 when rolling a dice

Answer: _____

49) A number is chosen at random from 1 to 50. Find the probability of selecting odd number.

Answer: _____

50) Share 31 in the ratio 18:13

Answer: _____

51) A number was shared in the ratio 42:6. The smaller share was 50. What was the larger amount?

Answer: _____

52) Share 55 in the ratio 7:48

Answer: _____

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

Answer: _____

54) Share 48 in the ratio 44:4

Answer: _____

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

Answer: _____

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

Answer: _____

57) A number was shared in the ratio 28:2. The smaller share was 18. What was the larger amount?

Answer: _____

58) A number is chosen at random from 1 to 50. Find the probability of selecting multiples of 14 and 13.

Answer:

59) Share 28 in the ratio 3:11

Answer:

60) A number is chosen at random from 1 to 50. Find the probability of selecting odd number.

Answer:



61) Share 39 in the ratio 7:6

Answer: _____

62) A number is chosen at random from 1 to 50. Find the probability of selecting divisors of 14.

Answer: _____

63) 'What is the probability of rolling a multiple of 1.when rolling a dice

Answer: _____

64) 'What is the probability of rolling a number less than 2, when rolling a dice

Answer: _____

65) 'What is the probability of rolling a number less than 3 when rolling a dice

Answer: _____

66) A number was shared in the ratio 1:17. The larger share was 17. What was the smaller amount?

Answer: _____

67) Share 41 in the ratio 1:40

Answer: _____

68) Share 26 in the ratio 11:2

Answer: _____

69) A number was shared in the ratio 12:20. The larger share was 5. What was the smaller amount?

Answer: _____

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

Answer: _____

71) Share 6 in the ratio 2:4

Answer: _____

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

Answer: _____

73) A number is chosen at random from 1 to 50. Find the probability of selecting even number.

Answer:

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

Answer:

75) A number was shared in the ratio 1:37. The smaller share was 18. What was the larger amount?

Answer:



76) 'What is the probability of rolling a even prime number,when rolling a dice

Answer: _____

77) A number was shared in the ratio 5:44. The smaller share was 15. What was the total amount shared?

Answer: _____

78) Share 38 in the ratio 10:9

Answer: _____

79) A number was shared in the ratio 22:44. The smaller share was 6. What was the total amount shared?

Answer: _____

80) Share 48 in the ratio 4:12

Answer: _____

81) A number is chosen at random from 1 to 50. Find the probability of selecting factors of 13 and 12.

Answer: _____

82) A number was shared in the ratio 17:5. The larger share was 34. What was the smaller amount?

Answer: _____

83) 'What is the probability of rolling factors of 12 when rolling a dice

Answer: _____

84) A number was shared in the ratio 18:6. The smaller share was 24. What was the larger amount?

Answer: _____

85) Share 30 in the ratio 27:3

Answer: _____

86) A number was shared in the ratio 46:1. The smaller share was 58. What was the larger amount?

Answer: _____

87) A number was shared in the ratio 49:11. The smaller share was 44. What was the larger amount?

Answer: _____

88) Share 60 in the ratio 11:49

Answer: _____

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

Answer: _____

90) A number was shared in the ratio 22:41. The smaller share was 22. What was the larger amount?

Answer: _____

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91) 'What is the probability of rolling a number less than 3.when rolling a dice

Answer: _____

92) 'What is the probability of rolling factors of 1.when rolling a dice

Answer: _____

93) A number was shared in the ratio 20:45. The smaller share was 40. What was the total amount shared?

Answer: _____

94) Share 46 in the ratio 11:35

Answer: _____

95) 'What is the probability of rolling a multiple of 1.when rolling a dice

Answer: _____

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

Answer: _____

97) A number is chosen at random from 1 to 50. Find the probability of selecting even number.

Answer: _____

98) A number is chosen at random from 1 to 50. Find the probability of selecting multiples of 11.

Answer: _____

99) 'What is the probability of rolling a number less than 2.when rolling a dice

Answer: _____

100) A number is chosen at random from 1 to 50. Find the probability of selecting odd number.

Answer: _____

Total: ____ / 100

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Answers:

- | | | | | | | |
|-------------------|--------------------|---------------------|-------------------|--------------------|---------------------|--------------------|
| 1) 256 | 2) $\frac{2}{25}$ | 3) $\frac{1}{3}$ | 4) 1 : 51 | 5) $\frac{1}{6}$ | 6) 7 | 7) $\frac{0}{1}$ |
| 8) $\frac{0}{1}$ | 9) $\frac{1}{1}$ | 10) 75 | 11) $\frac{2}{3}$ | 12) 1 : 59 | 13) $\frac{1}{6}$ | 14) 12 |
| 15) 4 : 40 | 16) $\frac{1}{3}$ | 17) 118 | 18) 1 : 57 | 19) 4 : 16 | 20) $\frac{12}{25}$ | 21) 1 : 34 |
| 22) $\frac{1}{3}$ | 23) 1 : 44 | 24) 1 : 52 | 25) 1 : 34 | 26) $\frac{3}{25}$ | 27) $\frac{12}{25}$ | 28) $\frac{1}{6}$ |
| 29) $\frac{1}{3}$ | 30) $\frac{1}{6}$ | 31) $\frac{1}{6}$ | 32) 273 | 33) $\frac{1}{2}$ | 34) $\frac{1}{6}$ | 35) 11 |
| 36) 1 : 25 | 37) 1 : 46 | 38) $\frac{2}{3}$ | 39) 350 | 40) $\frac{5}{6}$ | 41) $\frac{4}{25}$ | 42) $\frac{1}{1}$ |
| 43) $\frac{2}{3}$ | 44) 56 | 45) $\frac{1}{6}$ | 46) $\frac{1}{3}$ | 47) 1 : 25 | 48) $\frac{1}{3}$ | 49) $\frac{1}{2}$ |
| 50) 1 : 30 | 51) 350 | 52) 1 : 54 | 53) $\frac{1}{6}$ | 54) 1 : 47 | 55) $\frac{2}{3}$ | 56) $\frac{1}{6}$ |
| 57) 252 | 58) $\frac{3}{25}$ | 59) 2 : 26 | 60) $\frac{1}{2}$ | 61) 3 : 36 | 62) $\frac{2}{25}$ | 63) $\frac{1}{1}$ |
| 64) $\frac{1}{6}$ | 65) $\frac{1}{3}$ | 66) 1 | 67) 1 : 40 | 68) 2 : 24 | 69) 3 | 70) $\frac{0}{1}$ |
| 71) 1 : 5 | 72) $\frac{1}{6}$ | 73) $\frac{12}{25}$ | 74) $\frac{1}{6}$ | 75) 666 | 76) $\frac{1}{6}$ | 77) 147 |
| 78) 2 : 36 | 79) 18 | 80) 3 : 45 | 81) $\frac{0}{1}$ | 82) 10 | 83) $\frac{5}{6}$ | 84) 72 |
| 85) 1 : 29 | 86) 2668 | 87) 196 | 88) 1 : 59 | 89) $\frac{1}{6}$ | 90) 41 | 91) $\frac{1}{3}$ |
| 92) $\frac{1}{6}$ | 93) 130 | 94) 1 : 45 | 95) $\frac{1}{1}$ | 96) $\frac{1}{6}$ | 97) $\frac{12}{25}$ | 98) $\frac{2}{25}$ |
| 99) $\frac{1}{6}$ | 100) $\frac{1}{2}$ | | | | | |