



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

Answer: \_\_\_\_\_

2) 'What is the probability of rolling factors of 3 when rolling a dice

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

4) 'What is the probability of rolling factors of 7 when rolling a dice

Answer: \_\_\_\_\_

5) A number is chosen at random from 1 to 50. Find the probability of selecting number less than 13.

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

15) 'What is the probability of rolling factors of 15 when rolling a dice

Answer: \_\_\_\_\_



16) 'What is the probability of rolling factors of 3 when rolling a dice

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

18) A number is chosen at random from 1 to 50. Find the probability of selecting divisors of 15.

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

20) A number is chosen at random from 1 to 50. Find the probability of selecting multiples of 15 and 11.

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

23) 'What is the probability of rolling a multiple of 2, when rolling a dice

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

25) 'What is the probability of rolling factors of 2. when rolling a dice

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

27) 'What is the probability of rolling a multiple of 4 when rolling a dice

Answer: \_\_\_\_\_

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

Answer:

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

Answer:

30) 'What is the probability of rolling a multiple of 4 when rolling a dice

Answer:



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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

37) A number is chosen at random from 1 to 50. Find the probability of selecting multiples of 11 and 15.

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

40) 'What is the probability of rolling a multiple of 2 when rolling a dice

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_



46) 'What is the probability of rolling factors of 4 when rolling a dice

Answer: \_\_\_\_\_

47) A number is chosen at random from 1 to 50. Find the probability of selecting multiples of 11 and 13.

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

52) 'What is the probability of rolling factors of 15 when rolling a dice

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

58) 'What is the probability of rolling factors of 2. when rolling a dice

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_



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

Answer: \_\_\_\_\_

62) A number is chosen at random from 1 to 50. Find the probability of selecting multiples of 15 and 11.

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

64) 'What is the probability of rolling a multiple of 2.when rolling a dice

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

68) A number is chosen at random from 1 to 50. Find the probability of selecting number less than 15.

Answer: \_\_\_\_\_

69) 'What is the probability of rolling a multiple of 3.when rolling a dice

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_



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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

81) A number is chosen at random from 1 to 50. Find the probability of selecting number less than 11.

Answer: \_\_\_\_\_

82) 'What is the probability of rolling factors of 13 when rolling a dice

Answer: \_\_\_\_\_

83) 'What is the probability of rolling factors of 15 when rolling a dice

Answer: \_\_\_\_\_

84) 'What is the probability of rolling a multiple of 2 when rolling a dice

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

87) 'What is the probability of rolling a multiple of 2 when rolling a dice

Answer: \_\_\_\_\_

88) 'What is the probability of rolling factors of 13 when rolling a dice

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

Name: \_\_\_\_\_

August 14, 2018



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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

93) 'What is the probability of rolling a number less than 4.when rolling a dice

Answer: \_\_\_\_\_

94) 'What is the probability of rolling factors of 7.when rolling a dice

Answer: \_\_\_\_\_

95) 'What is the probability of rolling factors of 9.when rolling a dice

Answer: \_\_\_\_\_

96) 'What is the probability of rolling a multiple of 3.when rolling a dice

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

**Total: \_\_\_\_ / 100**

Name: \_\_\_\_\_

August 14, 2018

# MATHS WORKSHEET

GENERATOR

11-PLUS  
SATS  
GCSES



## Answers:

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