



- 1) A number is chosen at random from 1 to 75. Find the probability of selecting divisors of 18.

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

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

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

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

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

- 4) A number is chosen at random from 1 to 75. Find the probability of selecting number less than 18.

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

- 5) A number is chosen at random from 1 to 75. Find the probability of selecting factors of 17 and 16.

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

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

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

- 7) A number is chosen at random from 1 to 75. Find the probability of selecting multiples of 19.

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

- 8) A number is chosen at random from 1 to 75. Find the probability of selecting divisors of 17.

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

- 9) A number is chosen at random from 1 to 75. Find the probability of selecting even number.

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

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

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

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

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

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

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

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

Answer:

- 14) A number is chosen at random from 1 to 75. Find the probability of selecting factors of 19.

Answer:

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

Answer:



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

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

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

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

18) A number is chosen at random from 1 to 75. Find the probability of selecting multiples of 18.

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

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

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

20) A number is chosen at random from 1 to 75. Find the probability of selecting odd number.

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

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

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

22) A number is chosen at random from 1 to 75. Find the probability of selecting factors of 16.

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

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

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

24) A number is chosen at random from 1 to 75. Find the probability of selecting factors of 20 and 20.

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

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

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

26) A number is chosen at random from 1 to 75. Find the probability of selecting divisors of 17.

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

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

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

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

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

29) A number is chosen at random from 1 to 75. Find the probability of selecting even number.

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

30) A number is chosen at random from 1 to 75. Find the probability of selecting factors of 17 and 16.

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



31) A number is chosen at random from 1 to 75. Find the probability of selecting prime number.

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

32) A number is chosen at random from 1 to 75. Find the probability of selecting factors of 17 and 17.

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

33) A number is chosen at random from 1 to 75. Find the probability of selecting even number.

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

34) A number is chosen at random from 1 to 75. Find the probability of selecting number less than 18.

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

35) A number is chosen at random from 1 to 75. Find the probability of selecting factors of 16.

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

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

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

37) A number is chosen at random from 1 to 75. Find the probability of selecting multiples of 20 and 18.

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

38) A number is chosen at random from 1 to 75. Find the probability of selecting divisors of 19.

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

39) A number is chosen at random from 1 to 75. Find the probability of selecting number less than 18.

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

40) A number is chosen at random from 1 to 75. Find the probability of selecting even number.

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

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

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

42) A number is chosen at random from 1 to 75. Find the probability of selecting odd number.

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

43) A number is chosen at random from 1 to 75. Find the probability of selecting multiples of 18.

Answer:

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

Answer:

45) A number is chosen at random from 1 to 75. Find the probability of selecting multiples of 18.

Answer:



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

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

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

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

48) 'What is the probability of rolling a number less than 4, when rolling a dice

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

49) A number is chosen at random from 1 to 75. Find the probability of selecting multiples of 19 and 18.

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

50) 'What is the probability of rolling factors of 17.when rolling a dice

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

51) A number is chosen at random from 1 to 75. Find the probability of selecting multiples of 20.

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

52) A number is chosen at random from 1 to 75. Find the probability of selecting multiples of 20 and 20.

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

53) A number is chosen at random from 1 to 75. Find the probability of selecting even number.

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

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

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

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

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

56) A number is chosen at random from 1 to 75. Find the probability of selecting multiples of 16 and 17.

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

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

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

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

Answer:

59) 'What is the probability of rolling factors of 17.when rolling a dice

Answer:

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

Answer:



61) A number is chosen at random from 1 to 75. Find the probability of selecting prime number.

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

62) A number is chosen at random from 1 to 75. Find the probability of selecting divisors of 20.

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

63) A number is chosen at random from 1 to 75. Find the probability of selecting prime number.

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

64) A number is chosen at random from 1 to 75. Find the probability of selecting number less than 18.

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

65) A number is chosen at random from 1 to 75. Find the probability of selecting multiples of 18.

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

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

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

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

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

68) A number is chosen at random from 1 to 75. Find the probability of selecting even number.

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

69) A number is chosen at random from 1 to 75. Find the probability of selecting even number.

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

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

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

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

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

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

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

73) 'What is the probability of rolling a number less than 3.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 75. Find the probability of selecting multiples of 17 and 17.

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



76) A number is chosen at random from 1 to 75. Find the probability of selecting number less than 17.

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

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

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

78) A number is chosen at random from 1 to 75. Find the probability of selecting multiples of 16.

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

79) A number is chosen at random from 1 to 75. Find the probability of selecting multiples of 16.

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

80) A number is chosen at random from 1 to 75. Find the probability of selecting number less than 18.

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

81) A number is chosen at random from 1 to 75. Find the probability of selecting prime number.

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

82) 'What is the probability of rolling factors of 19.when rolling a dice

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

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

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

84) A number is chosen at random from 1 to 75. Find the probability of selecting factors of 18 and 16.

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

85) A number is chosen at random from 1 to 75. Find the probability of selecting even number.

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

86) A number is chosen at random from 1 to 75. Find the probability of selecting factors of 20 and 20.

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

87) A number is chosen at random from 1 to 75. Find the probability of selecting factors of 16 and 18.

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

88) A number is chosen at random from 1 to 75. Find the probability of selecting factors of 20.

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

89) A number is chosen at random from 1 to 75. Find the probability of selecting divisors of 17.

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

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

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

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

August 02, 2018



91) A number is chosen at random from 1 to 75. Find the probability of selecting odd number.

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

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

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

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

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

94) A number is chosen at random from 1 to 75. Find the probability of selecting factors of 18 and 19.

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

95) A number is chosen at random from 1 to 75. Find the probability of selecting multiples of 16.

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

96) A number is chosen at random from 1 to 75. Find the probability of selecting odd number.

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

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

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

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

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

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

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

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

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

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

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

August 02, 2018

# MATHS WORKSHEET

GENERATOR

11-PLUS  
SATS  
GCSES



## Answers:

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