Task card 1 Sample Spaces: Lists, Tables & Tre...

You spin a spinner with 5 equal sections and then flip a coin. How many outcomes are in the sample space?

Task card 2 Sample Spaces: Lists, Tables & Tre...

You spin a spinner with 6 equal sections and then roll a number cube. How many outcomes are in the sample space?

Task card 3 Sample Spaces: Lists, Tables & Tre...

You spin a spinner with 5 equal sections and then roll a number cube. How many outcomes are in the sample space?

Task card 4 Sample Spaces: Lists, Tables & Tre...

You flip a coin and roll a number cube. What is the probability of getting heads and an odd number?

Task card 5 Sample Spaces: Lists, Tables & Tre...

You spin a spinner with 4 equal sections and then roll a number cube. How many outcomes are in the sample space?

Task card 6 Sample Spaces: Lists, Tables & Tre...

You flip a coin and roll a number cube. What is the probability of getting tails and a number greater than 4?

Task card 7 Sample Spaces: Lists, Tables & Tre...

You flip a coin and roll a number cube. What is the probability of getting heads and an even number?

Task card 8 Sample Spaces: Lists, Tables & Tre...

You spin a spinner with 8 equal sections and then pick a card from 4 cards numbered 1 to 4. How many outcomes are in the sample space?

Task card 9 Sample Spaces: Lists, Tables & Tre...

You flip a coin and roll a number cube. What is the probability of getting heads and a 6?

Task card 10 Sample Spaces: Lists, Tables & Tre...

You flip a coin and roll a number cube. What is the probability of getting tails and a multiple of 3?

Task card 11 Sample Spaces: Lists, Tables & Tre...

You spin a spinner with 7 equal sections and then pick a card from 4 cards numbered 1 to 4. How many outcomes are in the sample space?

Task card 12 Sample Spaces: Lists, Tables & Tre...

You spin a spinner with 4 equal sections and then flip a coin. How many outcomes are in the sample space?

Task card 13 Sample Spaces: Lists, Tables & Tre...

You spin a spinner with 6 equal sections and then pick a card from 4 cards numbered 1 to 4. How many outcomes are in the sample space?

Task card 14 Sample Spaces: Lists, Tables & Tre...

You spin a spinner with 8 equal sections and then flip a coin. How many outcomes are in the sample space?

Task card 15 Sample Spaces: Lists, Tables & Tre...

You choose one of 5 shirts and one of 3 pairs of pants. How many different outfits are possible?

Task card 16 Sample Spaces: Lists, Tables & Tre...

You flip a coin and roll a number cube. What is the probability of getting tails and a number less than 5?

Task card 17 Sample Spaces: Lists, Tables & Tre...

You choose one of 5 shirts and one of 2 pairs of pants. How many different outfits are possible?

Task card 18 Sample Spaces: Lists, Tables & Tre...

You choose one of 4 shirts and one of 4 pairs of pants. How many different outfits are possible?

Task card 19 Sample Spaces: Lists, Tables & Tre...

You choose one of 3 shirts and one of 3 pairs of pants. How many different outfits are possible?

Task card 20 Sample Spaces: Lists, Tables & Tre...

You spin a spinner with 5 equal sections and then pick a card from 4 cards numbered 1 to 4. How many outcomes are in the sample space?

Task card 21 Sample Spaces: Lists, Tables & Tre...

You spin a spinner with 7 equal sections and then roll a number cube. How many outcomes are in the sample space?

Task card 22 Sample Spaces: Lists, Tables & Tre...

You spin a spinner with 8 equal sections and then roll a number cube. How many outcomes are in the sample space?

Task card 23 Sample Spaces: Lists, Tables & Tre...

You spin a spinner with 3 equal sections and then roll a number cube. How many outcomes are in the sample space?

Task card 24 Sample Spaces: Lists, Tables & Tre...

You spin a spinner with 3 equal sections and then pick a card from 4 cards numbered 1 to 4. How many outcomes are in the sample space?

Sample Spaces: Lists, Tables & Tree Diagrams Task Cards

Recording sheet · Grade 7 · Find the sample space (all the possible outcomes), then answer the question. Write probabilities as fractions in simplest form.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Sample Spaces: Lists, Tables & Tree Diagrams Task Cards: Answer Key

Grade 7 · Easy

The answers online

1. 10	**2.** 36	**3.** 30
4. $\frac{1}{4}$	**5.** 24	**6.** $\frac{1}{6}$
7. $\frac{1}{4}$	**8.** 32	**9.** $\frac{1}{12}$
10. $\frac{1}{6}$	**11.** 28	**12.** 8
13. 24	**14.** 16	**15.** 15
16. $\frac{1}{3}$	**17.** 10	**18.** 16
19. 9	**20.** 20	**21.** 42
22. 48	**23.** 18	**24.** 12