

PROBABILITY TASK CARDS

Probability Task Cards 20
Marbles in a Bag

Color	Number
Red	7
Blue	6
Green	3

How likely is it that you'll pull out a marble and its color is red?

Probability Task Cards 10

● ◻ ▲ ● ◻

Suppose these shapes are in a bag. You reach in and pull out 1 shape. What is the probability you'll pull out a square or a circle?

Probability Task Cards 13

How likely is it that you'll pick a swirly or black marble?

Probability Task Cards 23
Pets

Pet	Number of Owners
Dogs	22
Cats	17
Fish	10
Hamster	4

How likely is it someone will have a hamster as a pet?

32 REVIEW CARDS



32 DIFFERENT CARDS

TO PRACTICE THE SKILL!

Probability Task Cards 1

What is the probability of picking a striped marble?



Probability Task Cards 2

What is the probability of picking a black marble?



Probability Task Cards 5

Mathematics

Jenny put the letters of the word "Mathematics" into a bag. What is the probability she will pull out a "M"?



Probability Task Cards 6

Mathematics

Jenny put the letters of the word "Mathematics" into a bag. What is the probability she will pull out a "t" or a "h"?



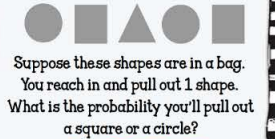
Probability Task Cards 9

Suppose you guess on a multiple choice test question with 4 answer choices. What is the probability you will pick the correct answer?



Probability Task Cards 10

Suppose these shapes are in a bag. You reach in and pull out 1 shape. What is the probability you'll pull out a square or a circle?



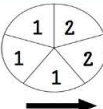
Probability Task Cards 3

What is the probability of picking a white marble?



Probability Task Cards 4

What is the probability of spinning a 2 on this spinner?



Probability Task Cards 7

What is the probability of rolling a factor of 24 with the die numbered 1-6?



Probability Task Cards 8

What is the probability of rolling a factor of 18 with the die numbered 1-6?



Probability Task Cards 11

Suppose these shapes are in a bag. You reach in and pull out 1 shape. What is the probability you'll pull out a circle?



Probability Task Cards 12

Suppose these shapes are in a bag. You reach in and pull out 1 shape. What is the probability you'll pull out a triangle?



Probability Task Cards 13

How likely is it that you'll pick a swirly or black marble?



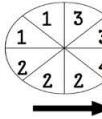
Probability Task Cards 14

How likely is it that you'll pick a white marble?



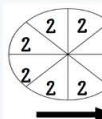
Probability Task Cards 17

How likely is it that you'll spin this spinner and get a 5?



Probability Task Cards 18

How likely is it that you'll spin this spinner and get a 2?



Probability Task Cards 21

Favorite Color

Color	Number
Red	12
Blue	15
Green	12

How likely is it that someone would pick red or green as their favorite color?



Probability Task Cards 22

Marbles in a Bag

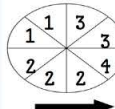
Color	Number
Red	7
Blue	6
Green	3

How likely is it that you'll pull out a marble and its color is purple?



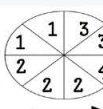
Probability Task Cards 15

How likely is it that you'll spin this spinner and get a 4?



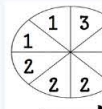
Probability Task Cards 16

How likely is it that you'll spin this spinner and get a 2?



Probability Task Cards 19

How likely is it that you'll spin this spinner and get a 1 or a 2?



Probability Task Cards 20

Marbles in a Bag

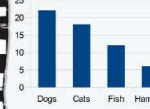
Color	Number
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How likely is it that you'll pull out a marble and its color is red?



Probability Task Cards 23

Pets



How likely is it someone will have a hamster as a pet?



Probability Task Cards 24

Marbles in a Bag

Color	Number
Red	7
Blue	6
Green	3

How likely is it that you'll pull out a marble and its color is green?



Probability Task Cards 25

If I throw the die and flip the penny, what is the probability of rolling a two and getting a tails?



Probability Task Cards 26

The coins below are in a bag. If I pull out a coin and roll the die, what is the probability I will pick a dime and roll an even number?



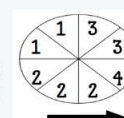
Probability Task Cards 27

If I pick a marble and flip the coin, what is the probability I will pick a black marble and flip heads?



Probability Task Cards 28

If I spin the spinner and flip a coin, what is the probability I will spin a 2 and roll tails?



Probability Task Cards 29

Selena is ordering matching shirts for the tennis team. They can get T-shirts or turtlenecks. Each type of shirt comes in red or orange. Their logo can be shaped like a cube, a pencil, or a cat. Given these choices, how many different combinations does Selena have to choose from?



Probability Task Cards 30

Paula is ordering a burrito for lunch. She can have a beef, fish, or black bean burrito. The wrap choices are sesame seed, sourdough, and whole wheat. She can pick avocado, tomato, or lettuce as a topping. How many different combinations can Paula order?



Probability Task Cards 31

Juan is putting together his lunch. He can't decide whether to have a peanut butter sandwich, a ham sandwich, a Italian sub, or an tuna salad sandwich. He can take an apple, an orange, or a banana as his fruit. How many different combinations can Juan have in his lunch?



Probability Task Cards 32

Lisa wants to buy a new pair of shoes. She can buy Nike, Adidas, or DC name brand. A pair of sneakers can come in silver, blue, black, or gold. How many different combinations can Lisa choose from?



INCLUDES:

- ✓ 32 CARDS
- ✓ VARIETY OF QUESTION TYPES
- ✓ RECORDING SHEET
- ✓ ANSWER KEY

Probability Task Cards Answer Key

1. $\frac{4}{10}$	2. $\frac{2}{10}$	3. $\frac{4}{10}$	4. $\frac{2}{10}$
5. $\frac{2}{11}$	6. $\frac{3}{11}$	7. $\frac{5}{6}$	
9. $\frac{1}{4}$	10. $\frac{4}{5}$		
13. equal...			


Probability Task Cards

1.	2.	3.
5.	6.	7.
9.	10.	11.
13. certain, impossible, equally likely, most likely, or least likely?	14. certain, impossible, equally likely, most likely, or least likely?	15. certain, impossible, equally likely, most likely, or least likely?
17. certain, impossible, equally likely, most likely, or least likely?	18. certain, impossible, equally likely, most likely, or least likely?	19. certain, impossible, equally likely, most likely, or least likely?
21. certain, impossible, equally likely, most likely, or least likely?	22. certain, impossible, equally likely, most likely, or least likely?	23. certain, impossible, equally likely, most likely, or least likely?
25.	26.	27.
29.	30.	31.

Probability Task Cards 21
Favorite Color

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YOUR STUDENTS WILL BE BEGGING TO PLAY!!

USE FOR CENTERS, EARLY FINISHERS, SMALL GROUPS & MORE. GREAT FOR PRACTICE & REVIEW!

Probability Task Cards 30

Paula is ordering a burrito for lunch. She can have a beef, fish, or black bean burrito. The wrap choices are sesame seed, sourdough, and whole wheat. She can pick avocado, tomato, or lettuce as a topping. How many different combinations can Paula order order?



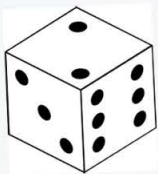
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Suppose these shapes are in a bag. You reach in and pull out 1 shape. What is the probability you'll pull out a triangle?



Probability Task Cards 7

What is the probability of rolling a factor of 24 with the die numbered 1-6?



"MY STUDENTS LOVED THIS RESOURCE. WE USED THIS ACTIVITY AS A WHOLE GROUP. IT ALLOWED STUDENTS TO AGREE OR DISAGREE WITH THEIR CLASSMATES IN A WHOLE GROUP DISCUSSION."



"THIS WAS A WONDERFUL RESOURCE! I USED THE TASK CARDS TO CREATE A QUIZ FOR MY STUDENTS TO WORK ON DURING REMOTE LEARNING. I FOUND THAT THE QUESTIONS WERE A WONDERFUL MIX OF ABILITY."