

SIMPLE PROBABILITY MAZE

INCLUDES
PAPER AND
DIGITAL
VERSIONS

MATH IDEA
GALAXY



MAZE OF THE MONTH CLUB



Join the exclusive Maze of the Month Club and start receiving a FREE maze delivered to your inbox every month. All you have to do is download, print, and go.

[CLiCK HeRE to JOiN](#)

Clip Art Credits

TERMS OF USE



Copyright ©2019 IDEA GALAXY. All rights reserved by author. Permission to copy for single classroom use only. Electronic distribution limited to single classroom use only. Not for public display. If you want additional licenses for you colleagues visit “My Purchases” page in your Teachers Pay Teachers account and receive a discount.

Teacher Directions:

To use this maze activity you will need to make a copy of the maze for each student. Students will complete the problems on a separate piece of paper or a small whiteboard. After they complete each question they will look for the path that has the correct answer on it. They will then move through that arrow to the next question. They will keep doing this from the start space to the finish space. If they make a mistake they will have to go back to the mistake and continue from there.

About this Resource:

Simple probability maze is a set of three mazes to give students practice with this topic. The mazes increase in complexity and students will work with spinners, coins, dice, and marbles in a bag. This works great as bell work, homework, or independent practice.

Included in this resource:

- 3 mazes
- Answer keys



Tips and Variations :

- Use the maze in a dry-erase sleeve or page protector to save paper.
- Have students race against each other or against their best time.
- Students can use a highlighter to show their path.

ACCESS DIGITAL MAZES HERE

There are three links below. One of the links is a copy of the mazes, the other link is the answer key, and the third link is a teacher's guide to digital mazes. All links will take you to a page where you will be prompted to MAKE A COPY. You can then modify and use that copy for your class. You can always click these links again to get a fresh copy.

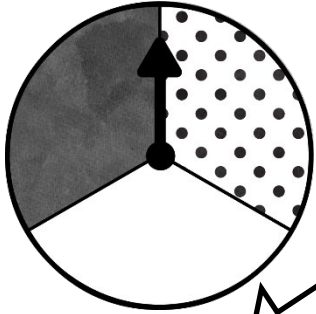
[CLICK HERE FOR](#)
[DIGITAL MAZES](#)
[IN GOOGLE](#)
[DRIVE](#)

[CLICK HERE FOR](#)
[DIGITAL](#)
[ANSWER KEY](#)

[CLICK HERE FOR](#)
[TEACHER](#)
[DIRECTIONS](#)

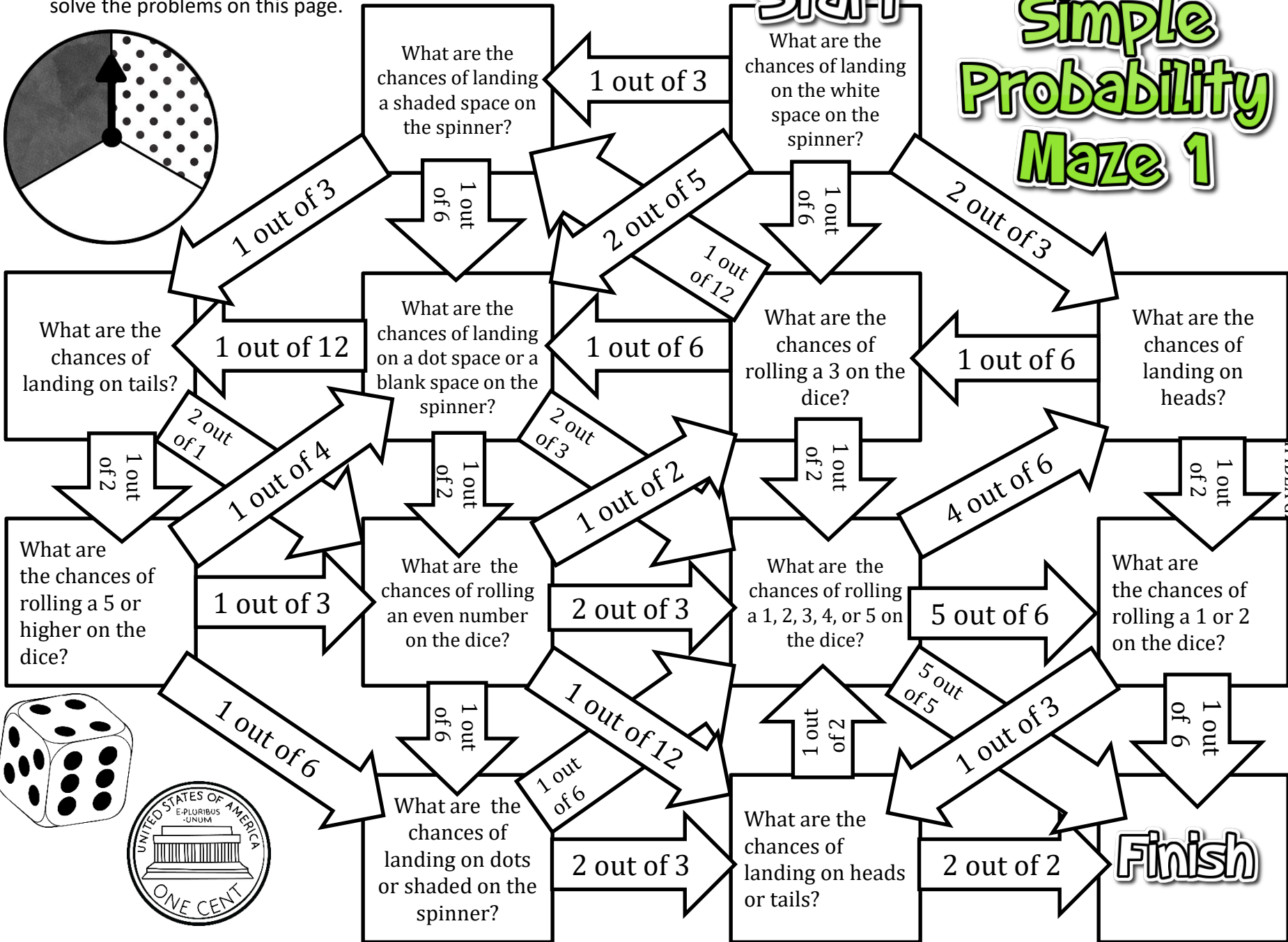


Directions: Use the spinner, dice(standard), and coin on this page to solve the problems on this page.

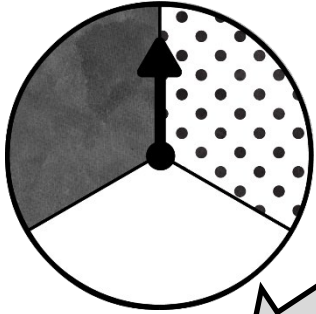


Start

Simple Probability Maze 1

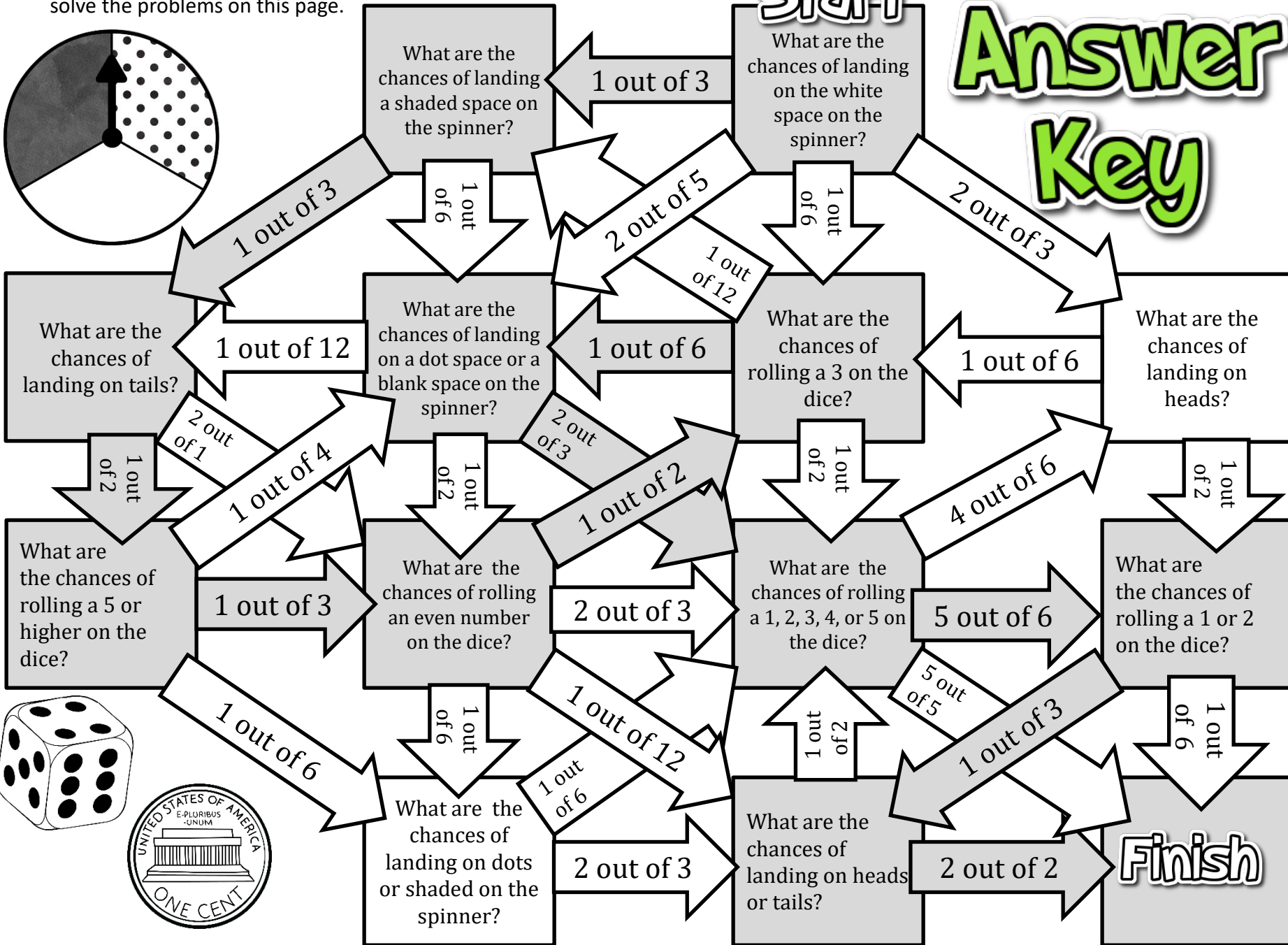


Directions: Use the spinner, dice(standard), and coin on this page to solve the problems on this page.



Start

Answer Key

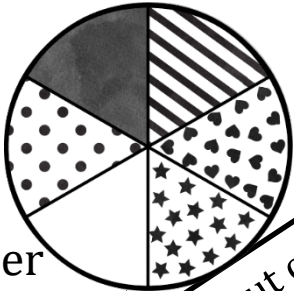


Directions: Use spinner # 1 and spinner # 2 to answer the questions.

Start

Simple Probability Maze 2

Spinner # 1



What are the chances of landing on shaded or blank on spinner 1?

1 out of 3

2 out of 3

3 out of 6

What are the chances of landing on stripes, stars or shaded on spinner 2?

3 out of 8

5 out of 8

3 out of 8

What are the chances of NOT landing on hearts, dots, or stars on spinner 2?

1 out of 9

9 out of 1

Chances of landing on stripes or shaded on spinner 2.

1 out of 4

What are the chances of landing on triangles, stripes, dots, or blank on spinner 2?

same

Is there a higher chance of landed on stars on spinner 1 or spinner 2?

none

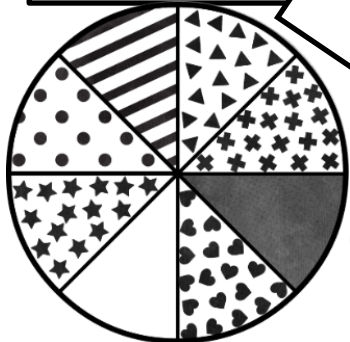
What are the chances of landing on the shaded space on spinner 1?

1 out of 9

9 out of 1

What are the chances of NOT landing on a blank space on spinner 2?

7 out of 8



Spinner # 2

1 out of 2

Finish

1 out of 2

What are the chances of landing on shaded, stripes, or hearts on spinner 1?

3 out of 17

5 out of 8

What are the chances of landing on a space with shapes on spinner 2?

5 out of 6

2 out of 6

What are the chances of landing on hearts on spinner 1?

1 out of 8

1 out of 4

5 out of 8

1 out of 6

2 out of 3

1 out of 3

1 out of 8

1 out of 6

1 out of 8

Spinner 1

5 out of 6

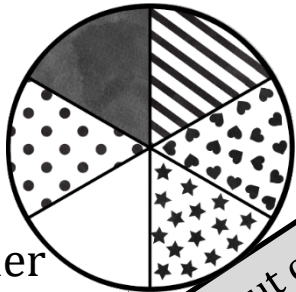
Spinner 2

Directions: Use spinner # 1 and spinner # 2 to answer the questions.

Start

Answer Key

Spinner # 1

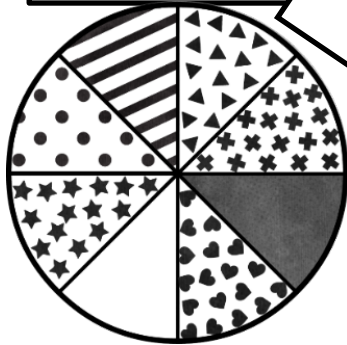


What are the chances of landing on shaded or blank on spinner 1?

1 out of 3

What are the chances of landing on triangles, stripes, dots, or blank on spinner 2?

1 out of 2



Spinner # 2

What are the chances of landing on a blank space on spinner 2?

1 out of 6

What are the chances of landing on stripes, stars or shaded on spinner 2?

3 out of 8

Is there a higher chance of landed on stars on spinner 1 or spinner 2?

same

Finish

What are the chances of landing on hearts on spinner 1?

1 out of 8

What are the chances of NOT landing on hearts, dots, or stars on spinner 2?

1 out of 9

What are the chances of landing on the shaded space on spinner 1?

1 out of 9

What are the chances of landing on shaded, stripes, or hearts on spinner 1?

2 out of 6

2 out of 3

none

1 out of 2

1 out of 4

5 out of 8

3 out of 8

5 out of 6

1 out of 6

1 out of 3

1 out of 8

5 out of 6

Chances of landing on stripes or shaded on spinner 2.

1 out of 4

What are the chances of NOT landing on a blank space on spinner 2?

7 out of 8

What are the chances of landing on a space with shapes on spinner 2?

1 out of 6

1 out of 8

3 out of 17

5 out of 8

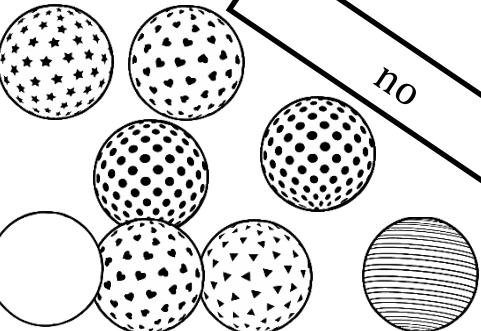
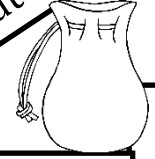
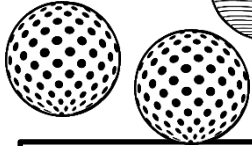
Marbles in the Bag:

- Stripes: 4
- Hearts: 2
- Dots: 5
- Stars: 1
- Triangles: 1
- Blank: 1

Directions: Use the marbles on this page to answer the questions.

Start

Simple Probability Maze 3



What are the chances of drawing a dotted marble?

3 out of 14

What are the chances of drawing a star marble, a heart marble, or a triangle marble?

1 out of 14

2 out of 7

What are the chances of NOT drawing a striped marble?

3 out of 14

What are the chances of drawing a marble with dots?

1 out of 14

Is there a greater chance you will draw a triangle marble over a blank marble?

9 out of 14

What are the chances of NOT drawing a striped marble or a star marble?

1 out of 14

1 out of 45

Do you have a greater chance of drawing a marble with stripes, dots, or stars?

dots

What are the chances of drawing a blank marble?

2 out of 7

no

Finish

6 out of 11

What are the chances of drawing a blank marble or a marble with dots?

1 out of 108

What are the chances of drawing a marble with triangles?

2 out of 7

What are the chances of selecting a striped marble?

1 out of 14

3 out of 14

5 out of 7

What are the chances of drawing a striped marble or star marble?

5 out of 14

1 out of 14

1 out of 7

2 out of 7

What are the chances of NOT drawing a striped marble?

3 out of 14

2 out of 14

What are the chances of drawing a marble with dots?

1 out of 14

Is there a greater chance you will draw a triangle marble over a blank marble?

9 out of 14

What are the chances of NOT drawing a striped marble or a star marble?

1 out of 14

1 out of 45

Do you have a greater chance of drawing a marble with stripes, dots, or stars?

dots

What are the chances of drawing a blank marble?

2 out of 7

no

Finish

6 out of 11

What are the chances of drawing a blank marble or a marble with dots?

1 out of 108

What are the chances of drawing a marble with triangles?

2 out of 7

What are the chances of selecting a striped marble?

1 out of 14

3 out of 14

5 out of 7

What are the chances of drawing a striped marble or star marble?

5 out of 14

1 out of 14

1 out of 7

2 out of 7

What are the chances of NOT drawing a striped marble?

3 out of 14

2 out of 14

What are the chances of drawing a marble with dots?

1 out of 14

Is there a greater chance you will draw a triangle marble over a blank marble?

9 out of 14

What are the chances of NOT drawing a striped marble or a star marble?

1 out of 14

1 out of 45

Do you have a greater chance of drawing a marble with stripes, dots, or stars?

dots

What are the chances of drawing a blank marble?

2 out of 7

no

Finish

6 out of 11

What are the chances of drawing a blank marble or a marble with dots?

1 out of 108

What are the chances of drawing a marble with triangles?

Marbles in the Bag:

- Stripes: 4
- Hearts: 2
- Dots: 5
- Stars: 1
- Triangles: 1
- Blank: 1

Directions: Use the marbles on this page to answer the questions.

Start

Answer Key

