



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

If you toss a coin, there are two outcomes: \_\_\_\_\_ or \_\_\_\_\_.

If you toss a coin **20** times, how many heads would you expect? \_\_\_\_\_

How many tails? \_\_\_\_\_

Why? \_\_\_\_\_

Toss a coin **20** times, write **H** or **T** to record the results of each toss.

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Did you get the results that you expected? \_\_\_\_\_

How were the results different to what you expected? \_\_\_\_\_

What chance is there of tossing heads next? \_\_\_\_\_

If you toss tails, is it more likely that your next toss would be heads? \_\_\_\_\_

Toss the coin **20** times again; before each toss, record your prediction of what the outcome might be.

YOU NEED  
★ coins



## PREVIEW

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Jarrod tried this experiment. Here are his results.



What color do you think he will draw next? \_\_\_\_\_

Why? \_\_\_\_\_

Put the counters back into the bag. If you drew two counters out at a time, what are the possible outcomes?

Draw counters out of the bag in twos.

Color the circles to record the results.



Predict the next two colors.  Why did you predict these colors? \_\_\_\_\_



Was your prediction correct? \_\_\_\_\_



## ANSWER KEY

If you toss a coin, there are two outcomes: heads or tails.

If you toss a coin **20** times, how many heads would you expect? \_\_\_\_\_

How many tails? \_\_\_\_\_

Why? \_\_\_\_\_

Toss a coin **20** times, write **H** or **T** to record the results of each toss.

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Did you get the results that you expected? \_\_\_\_\_

How were the results different to what you expected? \_\_\_\_\_

What chance is there of tossing heads next? 50%

If you toss tails, is it more likely that your next toss would be heads? No

Toss the coin **20** times again; before each toss, record your prediction of what the outcome might be.

YOU NEED  
\* coins



## PREVIEW

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Jarrold tried this experiment. Here are his results.



What color do you think he will draw next? \_\_\_\_\_

Why? \_\_\_\_\_

Put the counters back into the bag. If you drew two counters out at a time, what are the possible outcomes?

2 red, 2 blue, 1 red and 1 blue

Draw counters out of the bag in twos.

Color the circles to record the results.



Predict the next two colors.   Why did you predict these colors? \_\_\_\_\_

Was your prediction correct? \_\_\_\_\_