

Complete the coin flip chance experiment.

Coin Flip Results for 20 Flips:

Heads
Tails

Was your prediction correct? Why/why not?

If you were to complete this chance experiment would the results be the same? Why/why not?

If you flipped heads five times and tails the larger number of times next time you go...



## Coin Flip Investigation

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

I can identify events where the chance of one will not be affected by the occurrence of the other. (ACHSPOW1)

Flip one coin 10 times and record each flip as a tally mark.

Equipment I will need:

- 1 x coin
- pencil
- activity sheet



Instructions:

1. Flip the coin.
2. Record the result as a tally mark whether the coin landed on 'heads' or 'tails' in the correct space in the table below.
3. Repeat steps 1 and 2 nine more times (so that you have flipped the coin 10 times).

Coin Flip Results for 10 Flips:

	Tally	Total
Heads		
Tails		

You are now going to repeat the experiment but for 20 flips. Make a prediction on what you think the results will be. Will it be the same as your first set? Why/why not?

My prediction is: \_\_\_\_\_

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