

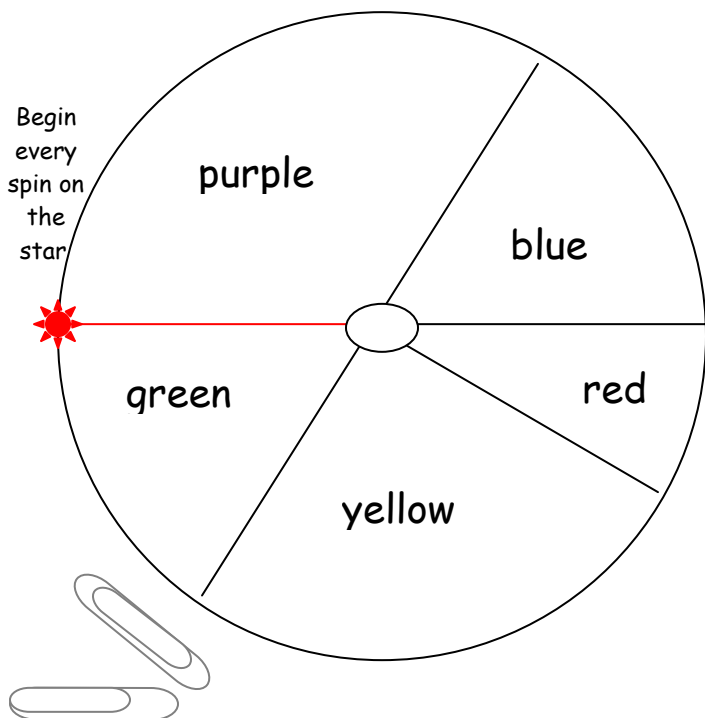
Name: _____

Date: _____

What's the Probability - "Spin the Clip"

Color the probability pie! Attach a paper clip to the middle of the pie with a brass fastener. Spin the clip! Document each try!

Predict: If you spin the paper clip 20 times what color do you think the clip will most likely stop on *the majority* of the time? _____
Why? _____



Spin the clip 20 times. Write the color the clip stops on each time:

- | | | | |
|------------------|-------|------------------|-------|
| 1 st | _____ | 11 th | _____ |
| 2 nd | _____ | 12 th | _____ |
| 3 rd | _____ | 13 th | _____ |
| 4 th | _____ | 14 th | _____ |
| 5 th | _____ | 15 th | _____ |
| 6 th | _____ | 16 th | _____ |
| 7 th | _____ | 17 th | _____ |
| 8 th | _____ | 18 th | _____ |
| 9 th | _____ | 19 th | _____ |
| 10 th | _____ | 20 th | _____ |

How many red?

How many purple?

How many blue?

How many green?

How many yellow?

Which color did the paper clip stop on most of the time? _____
What color did you predict before you started spinning? _____
Which color had the fewest stops? _____
Why? _____

What's the Probability - "Spin the Clip"

Summary:

Students should predict **purple** to be the color the clip stops on the most because it is the largest piece of the pie.

Students should answer **red** as the color that the clip has the fewest stops because it is the smallest piece of the pie.