Name: _____

Probability Experiment:

Color Spinner

Part 1: Mathematical Probability

Determine the mathematical probability for each color if you spin the spinner 32 times. Write the probability in simplest form and out of 32.

Color	orange	green	blue	red
probability (simplest form)	$\frac{1}{8}$			
probability (out of 32)	$\frac{4}{32}$			

Part 2: T

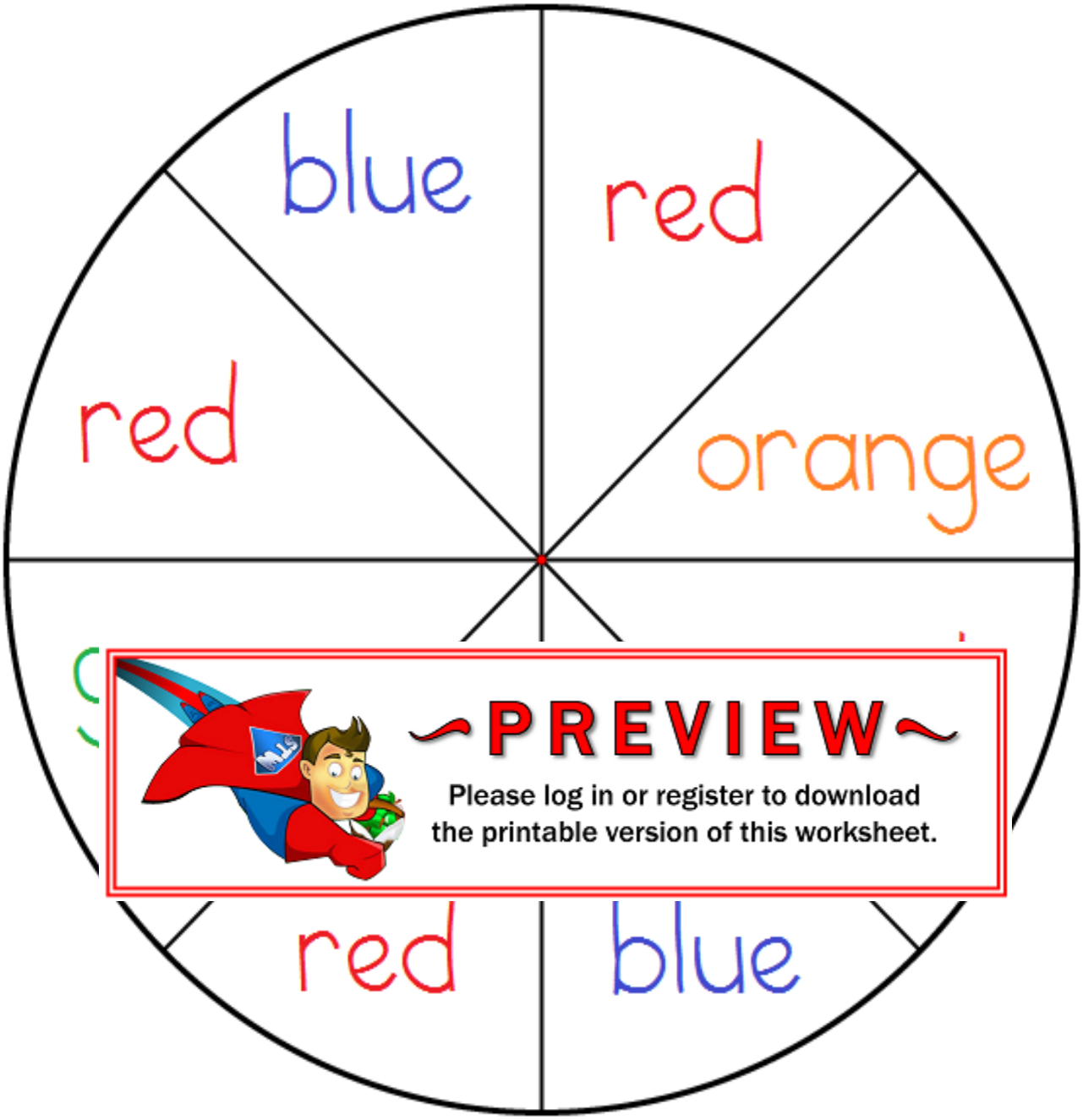
Now determ our results in the table be

colo				red
tally				

Part 3: Experimental Probability

Count your tally marks and determine the experimental probability. Write the probability in simplest form and out of 32.

Color	orange	green	blue	red
probability (simplest form)				
probability (out of 32)				



~PREVIEW~
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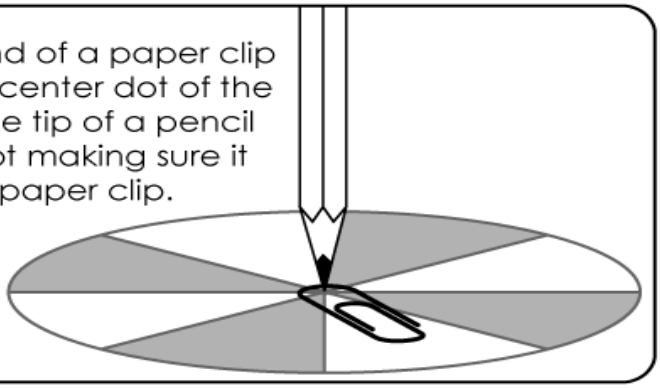
Place the large end of a paper clip so it is around the center dot of the spinner. Place the tip of a pencil on the center dot making sure it is inside the paper clip.



ANSWER KEY

Probability Experiment:

Color Spinner

Part 1: Mathematical Probability

Determine the mathematical probability for each color if you spin the spinner 32 times. Write the probability in simplest form and out of 32.

Color	orange	green	blue	red
probability (simplest form)	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$
probability (out of 32)	$\frac{4}{32}$	$\frac{4}{32}$	$\frac{8}{32}$	$\frac{16}{32}$

Part 2: T

Now determ our results in the table be

~PREVIEW~

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colo				red
tally				

Part 3: Experimental Probability

Count your tally marks and determine the experimental probability. Write the probability in simplest form and out of 32.

Color	orange	green	blue	red
probability (simplest form)				
probability (out of 32)				