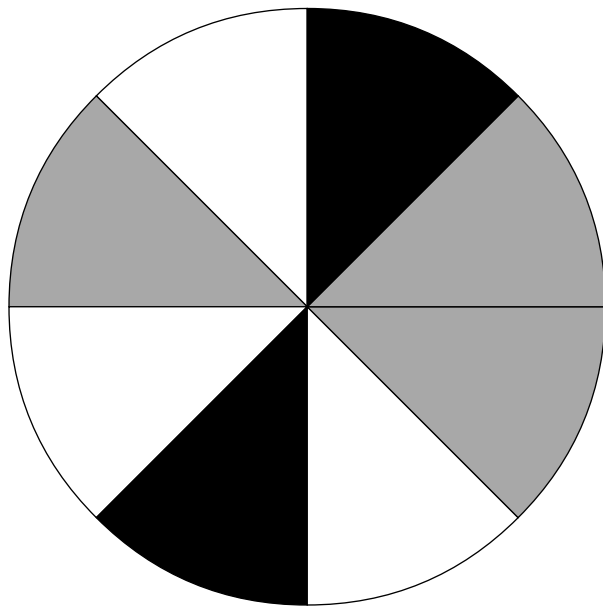


# UNION OF EVENTS

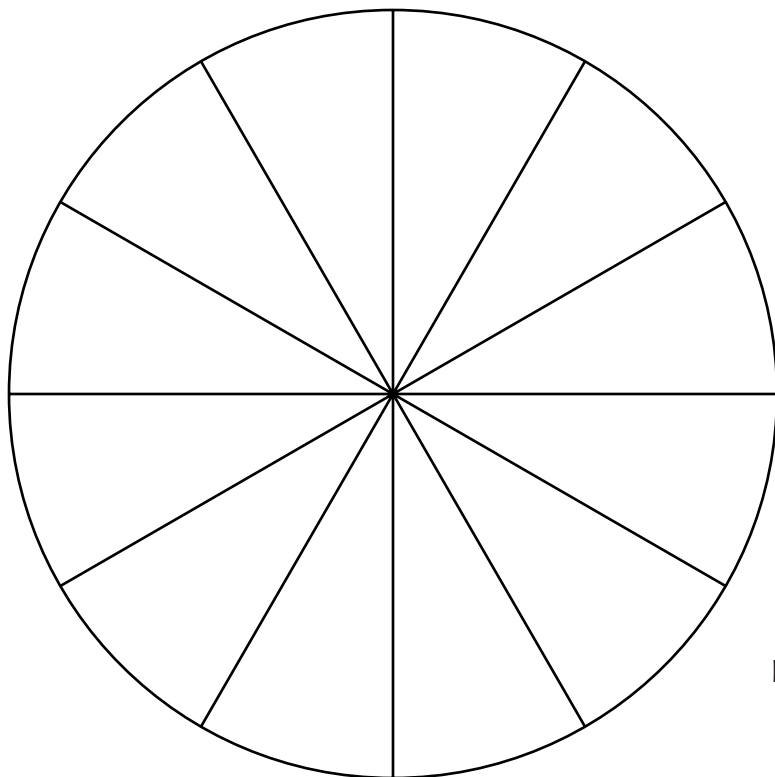
## The Fraction & Probability Connection

Part 1: Look at the spinner to complete the probability table.



Color of segment	Probability
White	_____
Black	_____
Gray	_____
Striped	_____
Black or gray	_____
Black or white	_____
Black or white or gray	_____

Part 2: Color this spinner to match the probabilities in the table; then, complete the table.



Color of segment	Probability
Red	$\frac{2}{12}$
Red or blue	$\frac{3}{12}$
Red or blue or green	$\frac{5}{12}$
Red or yellow	$\frac{6}{12}$
Yellow or purple	$\frac{6}{12}$
Blue or black	$\frac{2}{12}$
Yellow or red or purple	_____
Blue or purple or red	_____
Black or red or blue or green	_____

Can you write a statement that would have a probability of  $\frac{1}{2}$ ?