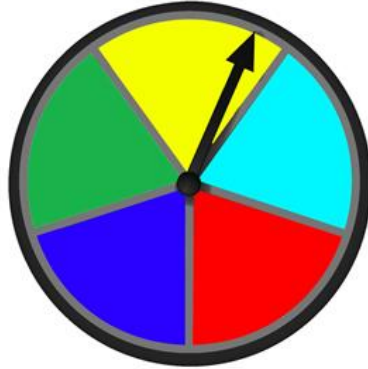


Possible Solution

Mary was calculating the probability of landing on the “yellow” section using the spinner below. Mary stated that the probability of landing on yellow was $\frac{1}{5}$ and its complement was $\frac{4}{5}$. Decide if Mary is correct and why?



$$P(\text{yellow}) = \frac{\text{likely}}{\text{possible}} = \frac{1}{5}$$

$$P(\text{not yellow}) = \frac{\text{not likely}}{\text{possible}} = \frac{4}{5}$$

$$\frac{1}{5} + \frac{4}{5} = \frac{5}{5} = 1$$

Therefore, Mary is correct.