

## Hint

In order to calculate the probability of a simple event, you find the ratio of the likely outcomes of the event compared to the total possible outcomes of the event.

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

The complement of the event is the ratio of the “not” likely outcomes of the event compared to the total possible outcomes of the event.

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

The sum of these two probabilities should equal one.

$$P(\text{yellow}) + P(\text{not yellow}) = 1$$