Name _____   Date _____

Probability of Chance Events - Guided Lesson Explanation

Explanation#1

Blue sock probability would be:

5 / 20 x 100 =   25% chance.

25% of 1000 pulls = 250 draws

25% of 10,000 pulls = 2500 draws

Explanation#2
What is the probability of an apple?

14 / 30 x 100 = 46.66%.

Apple should account for 47% of the population.

The total population is 100.
47% of 100 are 47 apples.

Explanation#3

The probability is the number of favorable outcomes out of the number of possible outcomes.

Flipping a coin has two possibilities: heads or tails.

P(heads or tails) = $\frac{1}{2}$ X 100 = 50%