

Name _____

Date _____

Probability of Chance Events - Step-by-Step Lesson



You toss a coin 83 times. The coin lands 40 times on heads and 43 times on tails. If you define a tails as a success, what is the relative frequency of tails?

Explanation

Relative frequency indicates that we are looking for how often (in percentage form) the coin lands on tails. If the coin lands on tails 43 out of possible 83 times. We can create a percentage doing the following

$$\frac{43}{83} \times 100 = 51.8\%$$

The relative frequency is better than half or 51.8% of the time.

