



Warm Up

Binomial Mean and Standard Deviation

A fair coin is flipped 10 times and the number of heads is recorded.

1. Does this represent a binomial experiment? _____
Why or why not? (i.e. What are the 4 conditions? Are they met or not met?)

2. What is the average number of heads recorded for this scenario? _____

3. What is the short-cut formula (just for the Binomial Distribution) to find that value?

4. What is the short-cut formula for the standard deviation of the Binomial Distribution?

5. What is the standard deviation of the number of heads recorded for this scenario?

MAIN IDEAS: List the Main Ideas for Today's Lesson
