

STUDY LINK
7•12

What Are the Chances?



1. You are going to toss 2 pennies 20 times. How many times do you expect the 2 pennies will come up as

- a. 2 heads? _____ times b. 2 tails? _____ times
- c. 1 head and 1 tail? _____ times

2. Now toss 2 pennies together 20 times. Record the results in the table.

A Penny Toss	
Results	Number of Times
2 heads	
2 tails	
1 head and 1 tail	

3. What fraction of the tosses came up as

- a. 2 heads? _____ b. 2 tails? _____ c. 1 head and 1 tail? _____

4. Suppose you were to flip the coins 1,000 times. What fraction do you expect would come up as

- a. 2 heads? _____ b. 2 tails? _____
- c. 1 head and 1 tail? _____

5. Explain how you got your answers for Problem 4.

Practice

6. $7 * 48 =$ _____

7. $874 * 9 =$ _____

8. _____ $= 45 * 86$

9. _____ $= 34 * 142$