Practice worksheet | Probability

Why chance results vary

Name: _____ Date: _____

6 practice questions

1. Tia records 6 heads and 4 tails. Ben records 5 heads and 5 tails. They each tossed 10 times. Could both records be honest? Explain.

2. A coin lands tails four times. Is tails impossible next time?

3. Two die experiments each have 12 rolls. One has 4 sixes; the other has 1 six. Find the difference.

4. Which statement recognises uncertainty: “I might get blue next” or “I must get blue next”?

5. A record has 9 heads and 1 tail in 10 tosses. Should it be changed to 5 and 5? Explain.

6. Give possible counts for two imaginary ten-toss experiments. The head counts must differ, and each pair must total 10.