Practice worksheet | Probability

Repeating chance trials

Name: _____ Date: _____

6 questions | 9 marks

1. What is one trial when testing a spinner? [1 mark]

2. You plan 12 coin tosses. Your table shows 7 heads and 5 tails. Has every toss been counted? [1 mark]

3. You plan 20 spins, but your table totals 19. What should you do? [1 mark]

4. Why replace a selected counter before the next trial when repeating an unchanged bag experiment? [1 mark]

5. Does the supplied example table prove that heads will occur more often in the next 20 tosses? [2 marks]

Example results from 20 tosses of a fair coin

Outcome	Frequency
Heads	12
Tails	8

6. Plan ten trials to compare a paper coin toss with a digital coin model. State how you will record results. [3 marks]