Blueberry Spinner Probability Lab

Grade 5 | Probability | Experimental data | Ink-Saver B&W

Learner: _____ Date: _____

A spinner has 4 equal sections: 2 blueberry, 1 leaf, and 1 sun. Compare the expected probability with results from 20 spins.

TRY IT

Complete all six prompts. You may write, point, explain aloud, or use a scribe.

1 **Expected P(blueberry) = ____ / 4**

_____

2 **Expected P(leaf) = ____ / 4**

_____

3 **Results: 11 blueberry, 4 leaf, 5 sun. Most common? ____**

_____

4 **Experimental P(sun) = ____ / 20**

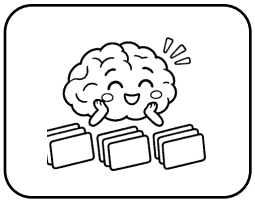
_____

5 **Did blueberry occur exactly 10 times? YES or NO**

_____

6 **Why might 20 spins differ from the expected counts?**

_____



Grown-up check: 2/4 or 1/2; 1/4; blueberry; 5/20 or 1/4; NO; chance variation can make a small set differ, and more trials usually stabilize the proportion.

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