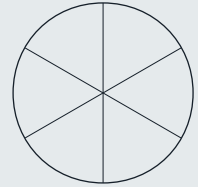


Experimental probability, predictions and review

WHAT THIS LESSON TEACHES

Experimental probability comes from actually trying it: wanted results ÷ number of trials. More trials give a result closer to the theory.

→ Heads 47 times in 100 flips → experimental probability **0.47**.



dice outcomes

DISCUSSION STARTER

REFLECT

Did your experiment match your prediction? What could explain any difference?

ANSWER KEY

W1: $\frac{3}{4}$

W2: certain

Q1: 0.5

Q2: even

Q3: 80%

Q4: unlikely

EXTENSION SHEET · STRETCH ANSWERS

S1: unlikely

S2: even

S3: 62.5%

S4: 60%

S5: 0.75