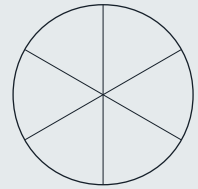


Expressing probability as fraction, decimal and percentage

WHAT THIS LESSON TEACHES

A probability can be written as a **fraction, decimal or percentage** — number of wanted outcomes over total outcomes.

→ Rolling a 6 on a die: $\frac{1}{6} \approx 0.17 \approx 17\%$.



6-section spinner

MODEL THIS ON THE BOARD

A BAG HAS 3 RED AND 2 BLUE COUNTERS. WRITE P(RED) THREE WAYS.

- 1 5 counters in total, 3 red → fraction $\frac{3}{5}$.
- 2 $3 \div 5 = 0.6$ as a decimal.
- 3 $0.6 = 60\%$.

ANSWER KEY

W1: $\frac{7}{8}$

W2: $\frac{1}{3}$

Q1: 0.75

Q2: 0.4

Q3: 60%

Q4: 62.5%

EXTENSION SHEET · STRETCH ANSWERS

S1: 80%

S2: 0.5

S3: 0.75