TEACHER RESOURCE BOOK · MATHS · 5TH CLASS

Lesson 95 SHAPE & SPACE

Probability as a fraction — out of total outcomes

WHAT THIS LESSON TEACHES

Probability measures how likely something is to happen. Write it as a **fraction**: number of ways the event can happen ÷ total number of equally likely outcomes.

→ Rolling a 6 on a die: **1/6**. As a decimal ≈ 0.17, or about **17%**.

→ Drawing a red card from a full deck: 26/52 = **1/2** = 0.5 = **50%**.

ANSWER KEY

a) P(even) = 3/6 = 1/2.

b) P(>4) = 2/6 = 1/3.

c) P(1 or 6) = 2/6 = 1/3.

Q1: 0.75

Q2: 0.4

Q3: 80%

Q4: 60%

EXTENSION SHEET · STRETCH ANSWERS

S1: 62.5%

S2: 0.75

S3: 0.5