GCSE FOUNDATION · REVISION MAT 5

Recording outcomes

1 A number is chosen (odd or even) and a spinner (A, B) is spun.

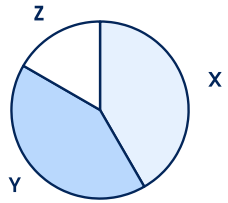
List all the possible outcomes.

2 Here are the results of an experiment.

LMLNLLMNLM
LLNMLLMLNL

Complete a frequency table.

3 Here is a spinner.



Explain why the outcomes are not equally likely.

4 A dice and a 3-sided spinner are used together.

Show that there are 18 possible outcomes.

5 Spinner A has sections Y, R, B, G. Spinner B has sections R, Y.
All sections on each spinner are equally likely.

Both spinners are spun. Find
P(both land on the same colour).

6 Two people are chosen at random from Tom, Uma, Val and Wes.

(a) List all the possible pairs.

(b) Find the probability that Tom is chosen.

1 **Odd–A, Odd–B, Even–A, Even–B**

(4 outcomes)

2

Result	L	M	N
Frequency	**11**	**5**	**4**

3 The sections are different sizes, so the spinner is more likely to land on bigger sections (e.g. X).

ANSWERS · REVISION MAT 5

Recording outcomes

4 Each of the 6 outcomes can go with each of the 3 outcomes.

6 × 3 = **18** ✓

5 YR, YY, RR, RY, BR, BY, GR, GY

2 out of 8: $\frac{1}{4}$

6 (a) Tom–Uma, Tom–Val, Tom–Wes, Uma–Val, Uma–Wes, Val–Wes

(b) 3 out of 6: $\frac{1}{2}$

Mr&Mrs MATHS