GCSE FOUNDATION · REVISION MAT 2

Recording outcomes

1 A coin is flipped and a spinner (1, 2, 3, 4) is spun.

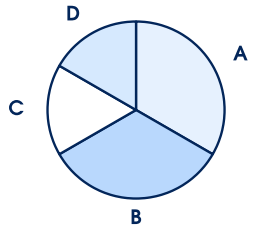
List all the possible outcomes.

2 Here are the results of an experiment.

RBGRRBGBRR
GBRBRGRRBG

Complete a frequency table.

3 Here is a spinner.



Explain why the outcomes are not equally likely.

4 A dice and a coin are used together.

Show that there are 12 possible outcomes.

5 Spinner A has sections R, B.
Spinner B has sections R, B, 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 Eve, Fin, Gus, Hal and Ida.

(a) List all the possible pairs.

(b) Find the probability that Eve is chosen.

Mr&Mrs MATHS

1 **H1, H2, H3, H4, T1, T2, T3, T4**

(8 outcomes)

2

Result	B	G	R
Frequency	**6**	**5**	**9**

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

ANSWERS · REVISION MAT 2

Recording outcomes

4 Each of the 6 outcomes can go with each of the 2 outcomes.

6 × 2 = **12** ✓

5 RR, RB, RY, BR, BB, BY

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

6 (a) Eve–Fin, Eve–Gus, Eve–Hal, Eve–Ida, Fin–Gus, Fin–Hal, Fin–Ida, Gus–Hal, Gus–Ida, Hal–Ida

(b) 4 out of 10: $\frac{2}{5}$

Mr&Mrs MATHS