GCSE FOUNDATION · REVISION MAT 1

Recording outcomes

1 A coin is flipped and a spinner (A, B, C) is spun.

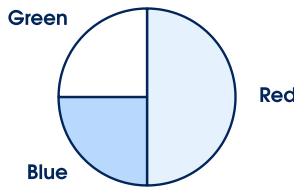
List all the possible outcomes.

2 Here are the results of an experiment.

ABACBAACBC
ABAACBACAB

Complete a frequency table.

3 Here is a spinner.



Explain why the outcomes are not equally likely.

4 A 4-sided spinner and a coin are used together.

Show that there are 8 possible outcomes.

5 Spinner A has sections R, B, G. Spinner B has sections R, B.
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 Ann, Ben, Cal and Dee.

(a) List all the possible pairs.

(b) Find the probability that Ann is chosen.

Mr&Mrs MATHS

1 **HA, HB, HC, TA, TB, TC**

(6 outcomes)

2

Result	A	B	C
Frequency	9	6	5

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

ANSWERS · REVISION MAT 1

Recording outcomes

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

4 × 2 = **8** ✓

5 RR, RB, BR, BB, GR, GB

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

6 (a) Ann–Ben, Ann–Cal, Ann–Dee, Ben–Cal, Ben–Dee, Cal–Dee

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

Mr&Mrs MATHS