

Sample space diagrams

Exit ticket **ANSWERS** Name _____

- 1 Add the scores.
Find the probability.

+	1	2	3
1	2	3	4
2	3	4	5

- 1 Fill in the grid.
2 Count them all. 6
3 Count the ones you want. 2
4 Write the fraction.

$$P(\text{total is 4}) = \frac{2}{6}$$

- 2 Add the scores.
Find the probability.

+	1	2	3
1	2	3	4
2	3	4	5
3	4	5	6

- 1 Fill in the grid.
2 Count them all. 9
3 Count the ones you want. 2
4 Write the fraction.

$$P(\text{total is 3}) = \frac{2}{9}$$

- 3 Two fair spinners are numbered 1 to 3 and 1 to 4.
Add the scores. Find $P(\text{total is 6})$.

$$\frac{2}{12}$$

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