

Sample space diagrams

Exit ticket **ANSWERS** Name _____

- 1 Two spinners numbered 1 to 4 are spun.
The scores are added. Find the probability that the total is 6.

$$\frac{3}{16}$$

- 2 A coin is thrown and a spinner numbered 1 to 5 is spun.
Find the probability of heads and an even number.

$$\frac{2}{10} = \frac{1}{5}$$

- 3 A dice is rolled and a spinner numbered 1 to 3 is spun.
The scores are multiplied. Find the probability that the product is more than 10.

$$\frac{4}{18} = \frac{2}{9}$$

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