

Conditional probability: tree diagrams

Exit ticket ANSWERS Name _____

- 1 A bag has 4 red and 6 green counters. Two are taken without replacement. Find the probability that both are green.

$$\frac{30}{90} = \frac{1}{3}$$

- 2 Find the probability that they are different colours.

$$\frac{48}{90} = \frac{8}{15}$$

- 3 Find the probability that at least one is red.

$$\frac{60}{90} = \frac{2}{3}$$

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