

The AND and OR rules

Exit ticket ANSWERS Name _____

- 1 The probability that a bus is late is $\frac{1}{3}$.
The probability that a train is late is $\frac{2}{5}$.
Find the probability that both are late.

$\frac{2}{15}$

- 2 A spinner lands on red with probability 0.3 and on blue with probability 0.45. Find the probability it lands on red or blue.

0.75

- 3 A fair coin is flipped and a fair dice is rolled. Ava says $P(\text{head and a } 6) = \frac{1}{2} + \frac{1}{6} = \frac{2}{3}$. Is Ava right? Explain.

No: multiply, $\frac{1}{12}$

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