

Probability from two way tables

Exit ticket **ANSWERS** Name _____

- 1 One student is picked at random.

	Walk	Cycle	Total
Year 7	13	9	22
Year 8	11	17	28
Total	24	26	50

Find P(Year 8 student who cycles).

$$\frac{17}{50}$$

- 2 Use the table above. Find P(walks).

$$\frac{24}{50} = \frac{12}{25}$$

- 3 Rob says $P(\text{Year 7}) = \frac{22}{28}$. Is Rob right? Explain.

No: $\frac{22}{50}$, out of all 50

The Maths Habit

Probability from two way tables

Exit ticket **ANSWERS** Name _____

- 1 One student is picked at random.

	Walk	Cycle	Total
Year 7	13	9	22
Year 8	11	17	28
Total	24	26	50

Find P(Year 8 student who cycles).

$$\frac{17}{50}$$

- 2 Use the table above. Find P(walks).

$$\frac{24}{50} = \frac{12}{25}$$

- 3 Rob says $P(\text{Year 7}) = \frac{22}{28}$. Is Rob right? Explain.

No: $\frac{22}{50}$, out of all 50

The Maths Habit

Probability from two way tables

Exit ticket **ANSWERS** Name _____

- 1 One student is picked at random.

	Walk	Cycle	Total
Year 7	13	9	22
Year 8	11	17	28
Total	24	26	50

Find P(Year 8 student who cycles).

$$\frac{17}{50}$$

- 2 Use the table above. Find P(walks).

$$\frac{24}{50} = \frac{12}{25}$$

- 3 Rob says $P(\text{Year 7}) = \frac{22}{28}$. Is Rob right? Explain.

No: $\frac{22}{50}$, out of all 50

The Maths Habit

Probability from two way tables

Exit ticket **ANSWERS** Name _____

- 1 One student is picked at random.

	Walk	Cycle	Total
Year 7	13	9	22
Year 8	11	17	28
Total	24	26	50

Find P(Year 8 student who cycles).

$$\frac{17}{50}$$

- 2 Use the table above. Find P(walks).

$$\frac{24}{50} = \frac{12}{25}$$

- 3 Rob says $P(\text{Year 7}) = \frac{22}{28}$. Is Rob right? Explain.

No: $\frac{22}{50}$, out of all 50

The Maths Habit

Probability from two way tables

Exit ticket **ANSWERS** Name _____

- 1 One student is picked at random.

	Walk	Cycle	Total
Year 7	13	9	22
Year 8	11	17	28
Total	24	26	50

Find P(Year 8 student who cycles).

$$\frac{17}{50}$$

- 2 Use the table above. Find P(walks).

$$\frac{24}{50} = \frac{12}{25}$$

- 3 Rob says $P(\text{Year 7}) = \frac{22}{28}$. Is Rob right? Explain.

No: $\frac{22}{50}$, out of all 50

The Maths Habit

Probability from two way tables

Exit ticket **ANSWERS** Name _____

- 1 One student is picked at random.

	Walk	Cycle	Total
Year 7	13	9	22
Year 8	11	17	28
Total	24	26	50

Find P(Year 8 student who cycles).

$$\frac{17}{50}$$

- 2 Use the table above. Find P(walks).

$$\frac{24}{50} = \frac{12}{25}$$

- 3 Rob says $P(\text{Year 7}) = \frac{22}{28}$. Is Rob right? Explain.

No: $\frac{22}{50}$, out of all 50

The Maths Habit