

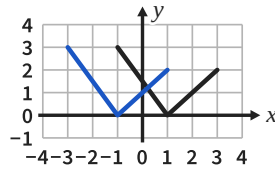
Graph transformations: translations

Exit ticket **ANSWERS** Name _____

- 1 P(4, -1) is on $y = f(x)$. Where is P on $y = f(x) + 5$?

(4, 4)

- 2 The graph of $y = f(x)$ is drawn.
Sketch $y = f(x + 2)$.



- 3 The graph of $y = x^2$ is moved 3 left and 2 down.
Write its new equation.

$y = (x + 3)^2 - 2$

The Maths Habit

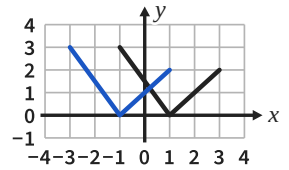
Graph transformations: translations

Exit ticket **ANSWERS** Name _____

- 1 P(4, -1) is on $y = f(x)$. Where is P on $y = f(x) + 5$?

(4, 4)

- 2 The graph of $y = f(x)$ is drawn.
Sketch $y = f(x + 2)$.



- 3 The graph of $y = x^2$ is moved 3 left and 2 down.
Write its new equation.

$y = (x + 3)^2 - 2$

The Maths Habit

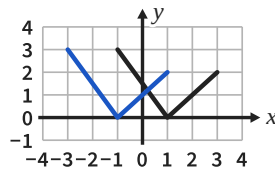
Graph transformations: translations

Exit ticket **ANSWERS** Name _____

- 1 P(4, -1) is on $y = f(x)$. Where is P on $y = f(x) + 5$?

(4, 4)

- 2 The graph of $y = f(x)$ is drawn.
Sketch $y = f(x + 2)$.



- 3 The graph of $y = x^2$ is moved 3 left and 2 down.
Write its new equation.

$y = (x + 3)^2 - 2$

The Maths Habit

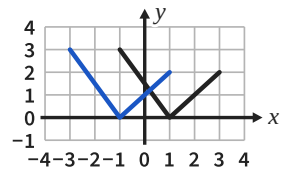
Graph transformations: translations

Exit ticket **ANSWERS** Name _____

- 1 P(4, -1) is on $y = f(x)$. Where is P on $y = f(x) + 5$?

(4, 4)

- 2 The graph of $y = f(x)$ is drawn.
Sketch $y = f(x + 2)$.



- 3 The graph of $y = x^2$ is moved 3 left and 2 down.
Write its new equation.

$y = (x + 3)^2 - 2$

The Maths Habit

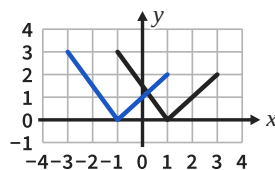
Graph transformations: translations

Exit ticket **ANSWERS** Name _____

- 1 P(4, -1) is on $y = f(x)$. Where is P on $y = f(x) + 5$?

(4, 4)

- 2 The graph of $y = f(x)$ is drawn.
Sketch $y = f(x + 2)$.



- 3 The graph of $y = x^2$ is moved 3 left and 2 down.
Write its new equation.

$y = (x + 3)^2 - 2$

The Maths Habit

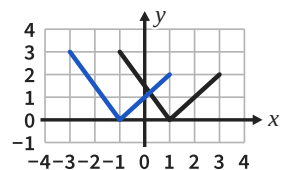
Graph transformations: translations

Exit ticket **ANSWERS** Name _____

- 1 P(4, -1) is on $y = f(x)$. Where is P on $y = f(x) + 5$?

(4, 4)

- 2 The graph of $y = f(x)$ is drawn.
Sketch $y = f(x + 2)$.



- 3 The graph of $y = x^2$ is moved 3 left and 2 down.
Write its new equation.

$y = (x + 3)^2 - 2$

The Maths Habit