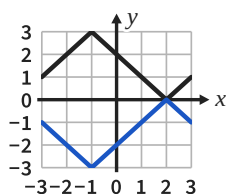


Graph transformations: reflections

Exit ticket **ANSWERS** Name _____

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



- 2 $P(-5, 4)$ is on $y = f(x)$. Where is P on $y = f(-x)$?

(5, 4)

- 3 The graph of $y = x^2 - 2x + 5$ is reflected in the y axis.
Write the equation of the new graph.

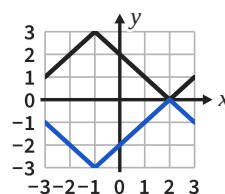
$y = x^2 + 2x + 5$

The Maths Habit

Graph transformations: reflections

Exit ticket **ANSWERS** Name _____

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



- 2 $P(-5, 4)$ is on $y = f(x)$. Where is P on $y = f(-x)$?

(5, 4)

- 3 The graph of $y = x^2 - 2x + 5$ is reflected in the y axis.
Write the equation of the new graph.

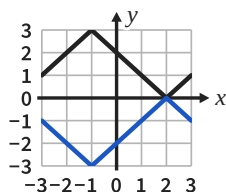
$y = x^2 + 2x + 5$

The Maths Habit

Graph transformations: reflections

Exit ticket **ANSWERS** Name _____

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



- 2 $P(-5, 4)$ is on $y = f(x)$. Where is P on $y = f(-x)$?

(5, 4)

- 3 The graph of $y = x^2 - 2x + 5$ is reflected in the y axis.
Write the equation of the new graph.

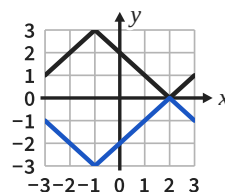
$y = x^2 + 2x + 5$

The Maths Habit

Graph transformations: reflections

Exit ticket **ANSWERS** Name _____

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



- 2 $P(-5, 4)$ is on $y = f(x)$. Where is P on $y = f(-x)$?

(5, 4)

- 3 The graph of $y = x^2 - 2x + 5$ is reflected in the y axis.
Write the equation of the new graph.

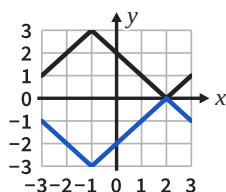
$y = x^2 + 2x + 5$

The Maths Habit

Graph transformations: reflections

Exit ticket **ANSWERS** Name _____

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



- 2 $P(-5, 4)$ is on $y = f(x)$. Where is P on $y = f(-x)$?

(5, 4)

- 3 The graph of $y = x^2 - 2x + 5$ is reflected in the y axis.
Write the equation of the new graph.

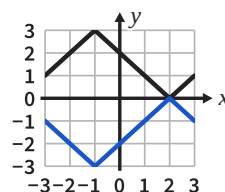
$y = x^2 + 2x + 5$

The Maths Habit

Graph transformations: reflections

Exit ticket **ANSWERS** Name _____

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



- 2 $P(-5, 4)$ is on $y = f(x)$. Where is P on $y = f(-x)$?

(5, 4)

- 3 The graph of $y = x^2 - 2x + 5$ is reflected in the y axis.
Write the equation of the new graph.

$y = x^2 + 2x + 5$

The Maths Habit