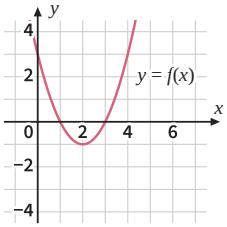
Graph transformations: reflections

Exit ticket Name _____

1. When x is −1, 0, 1 and 2, $f(x)$ is 3, 0, −1 and 0.
Work out $-f(x)$ for each one.

2. P(−3, 2) is on the graph of $y = f(x)$. Where is P on the graph of $y = f(-x)$?

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



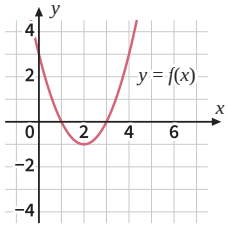
Graph transformations: reflections

Exit ticket Name _____

1. When x is −1, 0, 1 and 2, $f(x)$ is 3, 0, −1 and 0.
Work out $-f(x)$ for each one.

2. P(−3, 2) is on the graph of $y = f(x)$. Where is P on the graph of $y = f(-x)$?

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



The Maths Habit

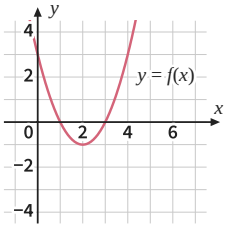
Graph transformations: reflections

Exit ticket Name _____

1. When x is −1, 0, 1 and 2, $f(x)$ is 3, 0, −1 and 0.
Work out $-f(x)$ for each one.

2. P(−3, 2) is on the graph of $y = f(x)$. Where is P on the graph of $y = f(-x)$?

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



The Maths Habit

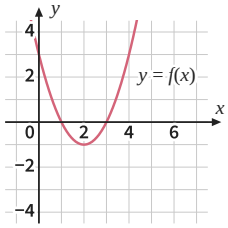
Graph transformations: reflections

Exit ticket Name _____

1. When x is −1, 0, 1 and 2, $f(x)$ is 3, 0, −1 and 0.
Work out $-f(x)$ for each one.

2. P(−3, 2) is on the graph of $y = f(x)$. Where is P on the graph of $y = f(-x)$?

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



The Maths Habit

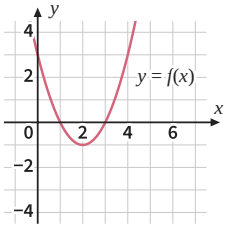
Graph transformations: reflections

Exit ticket Name _____

1. When x is −1, 0, 1 and 2, $f(x)$ is 3, 0, −1 and 0.
Work out $-f(x)$ for each one.

2. P(−3, 2) is on the graph of $y = f(x)$. Where is P on the graph of $y = f(-x)$?

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



The Maths Habit

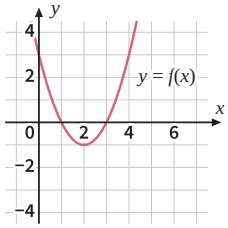
Graph transformations: reflections

Exit ticket Name _____

1. When x is −1, 0, 1 and 2, $f(x)$ is 3, 0, −1 and 0.
Work out $-f(x)$ for each one.

2. P(−3, 2) is on the graph of $y = f(x)$. Where is P on the graph of $y = f(-x)$?

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



The Maths Habit