

Reflection

Sheet 2

If $g(x)$ is a reflection of $f(x)$ across the given axis, then find $g(x)$.

1) $f(x) = -7x - 5$; reflection across the y -axis.

$g(x) =$ _____

2) $f(x) = 5x + 12$; reflection across the x -axis.

$g(x) =$ _____

3) $f(x) =$ _____

$g(x) =$ _____

4) $f(x) =$ _____

$g(x) =$ _____

5) $f(x) =$ _____

$g(x) =$ _____

6) $f(x) = -9x - 2$; reflection across the x -axis.

$g(x) =$ _____

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Answer key**Reflection**

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If $g(x)$ is a reflection of $f(x)$ across the given axis, then find $g(x)$.

1) $f(x) = -7x - 5$; reflection across the y -axis.

$$g(x) = \underline{\quad 7x - 5 \quad}$$

2) $f(x) = 5x + 12$; reflection across the x -axis.

$$g(x) =$$

3) $f(x) =$

$$g(x) =$$

4) $f(x) =$

$$g(x) =$$

5) $f(x) =$

$$g(x) = \underline{\quad -x + 15 \quad}$$

6) $f(x) = -9x - 2$; reflection across the x -axis.

$$g(x) = \underline{\quad 9x + 2 \quad}$$

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