

Reflection

Sheet 3

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

1) $f(x) = 8x - 9$; reflection across the x -axis.

$g(x) =$ _____

2) $f(x) = -12x - 4$; reflection across the x -axis.

$g(x) =$ _____

3) $f(x) =$ _____

$g(x) =$ _____

4) $f(x) =$ _____

$g(x) =$ _____

5) $f(x) =$ _____

$g(x) =$ _____

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

$g(x) =$ _____

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Answer key**Reflection**

Sheet 3

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

1) $f(x) = 8x - 9$; reflection across the x -axis.

$$g(x) = \underline{\quad -8x + 9 \quad}$$

2) $f(x) = -12x - 4$; reflection across the x -axis.

$$g(x) =$$

3) $f(x) =$

$$g(x) =$$

4) $f(x) =$

$$g(x) =$$

5) $f(x) =$

$$g(x) = \underline{\quad 6x - 3 \quad}$$

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

$$g(x) = \underline{\quad x - 1 \quad}$$

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