

**Reflection**

Sheet 5

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

1)  $f(x) = -10x + 13$  ; reflection across the  $x$ -axis.

$$g(x) = \underline{\hspace{2cm}}$$

2)  $f(x) = 5x - 3$  ; reflection across the  $x$ -axis.

$$g(x) = \underline{\hspace{2cm}}$$

3)  $f(x) = \underline{\hspace{2cm}}$

$$g(x) = \underline{\hspace{2cm}}$$

4)  $f(x) = \underline{\hspace{2cm}}$

$$g(x) = \underline{\hspace{2cm}}$$

5)  $f(x) = \underline{\hspace{2cm}}$

$$g(x) = \underline{\hspace{2cm}}$$

6)  $f(x) = 11x - 6$  ; reflection across the  $y$ -axis.

$$g(x) = \underline{\hspace{2cm}}$$

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**Answer key****Reflection**

Sheet 5

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

1)  $f(x) = -10x + 13$  ; reflection across the  $x$ -axis.

$g(x) = \underline{\quad \mathbf{10x - 13} \quad}$

2)  $f(x) = 5x - 3$  ; reflection across the  $x$ -axis.

$g(x) =$

3)  $f(x) =$

$g(x) =$

4)  $f(x) =$

$g(x) =$

5)  $f(x) =$

$g(x) = \underline{\quad \mathbf{4x - 9} \quad}$

6)  $f(x) = 11x - 6$  ; reflection across the  $y$ -axis.

$g(x) = \underline{\quad \mathbf{-11x - 6} \quad}$

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