

Translation - Function

Sheet 2

Write the translated function.

1) $f(x) = x + 7$; shifts 3 units up.

$g(x) =$ _____

2) $f(x) = -15x - 13$; shifts 1 unit right.

$g(x) =$ _____

3) $f(x) =$ _____

$g(x) =$ _____

4) $f(x) =$ _____

$g(x) =$ _____

5) $f(x) =$ _____

$g(x) =$ _____

6) $f(x) = -7x + 12$; shifts 7 units up.

$g(x) =$ _____

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Answer key**Translation - Function**

Sheet 2

Write the translated function.

1) $f(x) = x + 7$; shifts 3 units up.

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

2) $f(x) = -15x - 13$; shifts 1 unit right.

$g(x) =$

3) $f(x) =$

$g(x) =$

4) $f(x) =$

$g(x) =$

5) $f(x) =$

$g(x) = \underline{\quad \mathbf{12x - 32} \quad}$

6) $f(x) = -7x + 12$; shifts 7 units up.

$g(x) = \underline{\quad \mathbf{-7x + 19} \quad}$

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