

Translation - Function

L1S3

If $g(x)$ is a translated function of $f(x)$, then find $g(x)$.

1) $f(x) = 5(x + 1)(x - 1)$; shifts 1 unit right.

2) $f(x) = (x + 6)^2 - 5$; shifts 22 units down.

3) $f(x) = -x(7x - 1)$

4) $f(x) = 4(2x - 1)$

5) $f(x) = 3x^2 + 2x - 1$

6) $f(x) = -10x^2 - 14x - 2$; shifts 17 units up.

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