

Evaluating Quadratic Functions

A) Evaluate each function at the specified value.

1) $f(x) = 8(x + 4)^2 - 12x; x = -3$

2) $f(x) = x^2 + x; x = 15$

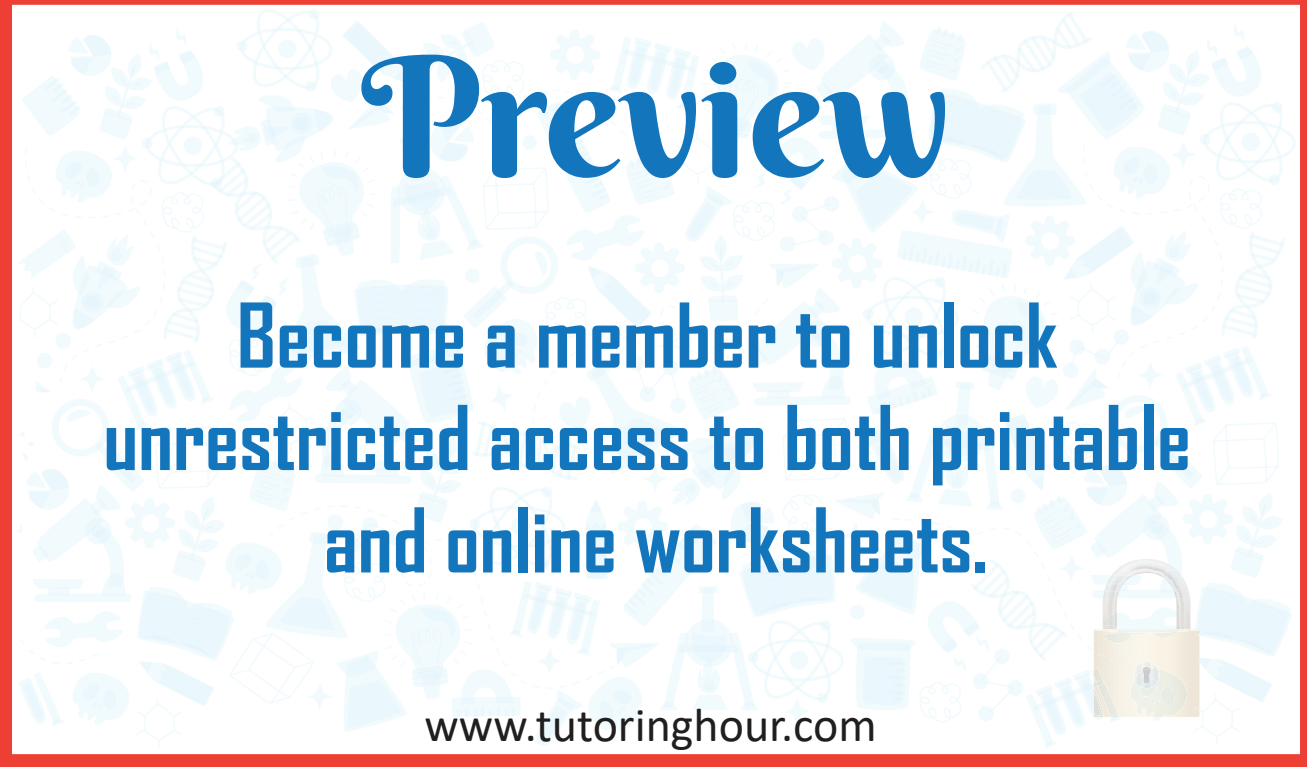
3) _____

B) _____

1) _____

3) If $f(x) = (10x - 1)(x - 8)$, what is $f(-1)$? _____

4) If $f(x) = -5(x - 1)^2 + 2x$, what is $f(7)$? _____



Preview

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C) What is the value of $f(-11)$ if $f(x) = (x + 7)^2 - 2x$?

i) 38

ii) -38

iii) -3

iv) -18