Evaluating Quadratic Functions

A) Evaluate each function at the specified value.

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

2) $f(x) = x^2 + x$; $x = 15$
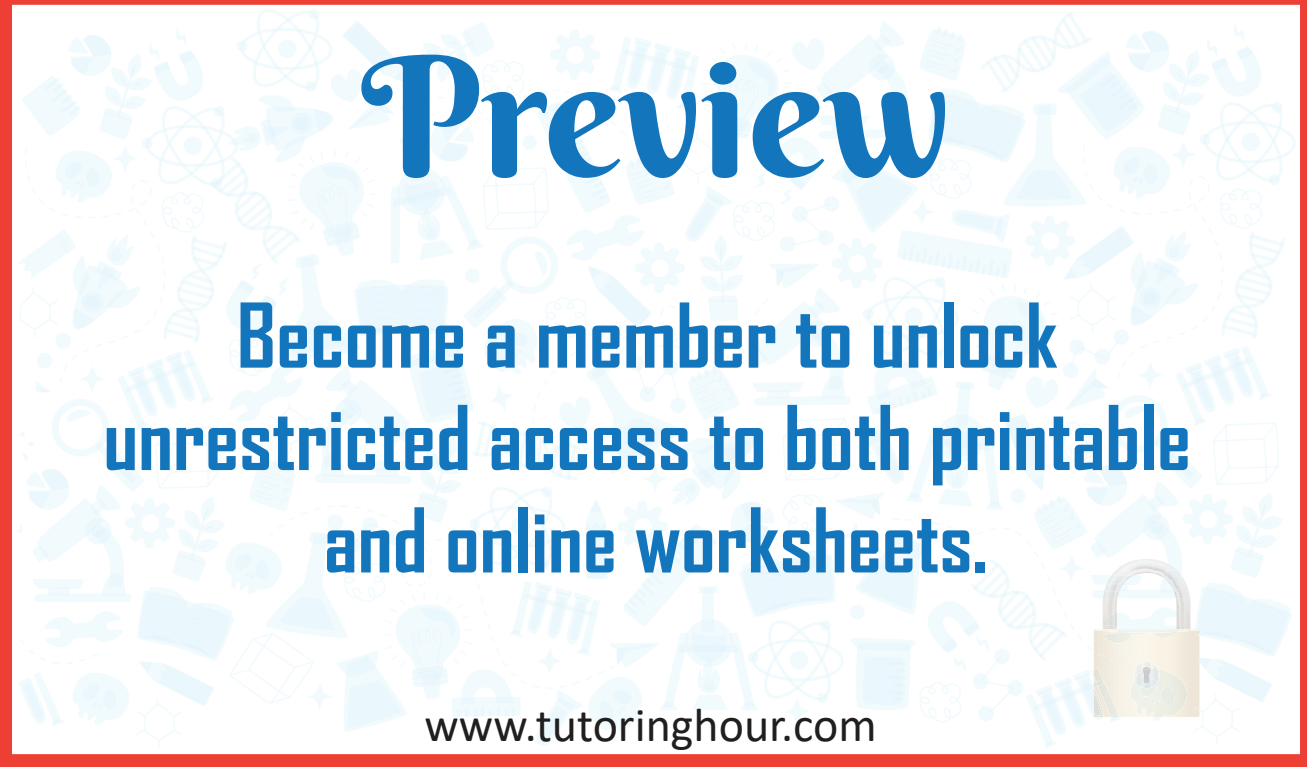
3)

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 $f(7)$?

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

i) 38   ii) −38   iii) −3   iv) −18