

① What is the vertex of

$$f(x) = -2(x-4)^2 - 5$$

vertex
(4, -5)

↑ ↑
opp same

② What are the solutions (zeros) x-int
for $f(x) = x^2 - 5x - 14$

$x = -2$
 $x = 7$

$$f(x) = a(x-h)^2 + k$$

(h, k) vertex
a

