



Gamboard

SIMPLIFY

$$-(x - 6) - 7(x - 3)$$

CHECK

Answer

$$-8x + 27$$


Blue 1


SIMPLIFY

$$(2x - 5)(x + 3) - x^2$$

Answer

$$x^2 + x - 15$$

CHECK



Blue 2


SIMPLIFY

$$-4x(x - 5) + 10x^2$$

Answer

$$6x^2 + 20x$$

CHECK



Blue3

CALCULATOR

Using your graphing calculator to graph: $y = x^2 - 4x - 5$. Find the lowest point on the graph.

CHECK

Answer



Orange 1

CALCULATOR

Using your graphing calculator to graph: $y = -x^2 - 4x - 1$. Find the highest point on the graph.
(maximum)

CHECK

Answer

$(-2, 3)$



Orange 2

CALCULATOR

Using your graphing calculator to graph: $y = -2x^2 - 14$. Find the highest point on the graph.

CHECK

Answer

$$0.9826137E-4$$

$$\cdot 9826137 \times 10^{-4} \quad (0, -14)$$

$$\cdot 00009 \quad = 0$$



Orange 3

EVALUATE

Given: $f(x) = -x^2 + 3x - 2$

Answer

for $x = -4$

$$f(-4) = -(-4)^2 + 3(-4) - 2$$

$$= -(16) - 12 - 2$$

$$= -16 - 12 - 2$$

-30



Green 1

EVALUATE

Given: $f(x) = -3x + x^2$
for $x = -5$

40

CHECK

Answer



Green 2

EVALUATE

Given: $f(x) = -x^2$
for $x = -7$

-49

CHECK

Answer



Green 3

CALCULATOR

Using your graphing calculator to graph: $y = x^2 - 25$. Find the coordinates of x -intercepts.

CHECK

Answer

$$x = 5 \quad x = -5 \quad (5, 0) \quad (-5, 0)$$

$(5, 0)$ and $(-5, 0)$



Red 1

CALCULATOR

Using your graphing calculator to graph: $y = x^2 - 4x - 21$. Find the coordinates of x -intercepts.

CHECK

Answer

$(7, 0)$ and $(-3, 0)$



Red 2

CALCULATOR

Using your graphing calculator to graph: $y = x^2 + 10x - 24$. Find the coordinates of x -intercepts.

CHECK

Answer

$(-12, 0)$ and $(2, 0)$



Red 3



GO COUGARS!

HOMEWORK - WB pg. 31

Skills for Ch. 5

#1-18 - NO CALCULATOR

#19-25 - WITH CALCULATOR

Aug 29-11:17 AM