

2. Go backs and, with a dashed line, draw the line of symmetry and label with its equation.

Now go back and the y-intercept

Solution of the following to graphing form it absent years a partner to teach you.

$$y = x^{2} + 3x + 6$$

$$y + 16 = x + 4$$

$$y + 16 = (x + 4)^{2} + 6$$

$$y + 16 = (x + 4)^{2} + 6$$

$$y + 16 = (x + 4)^{2} + 6$$

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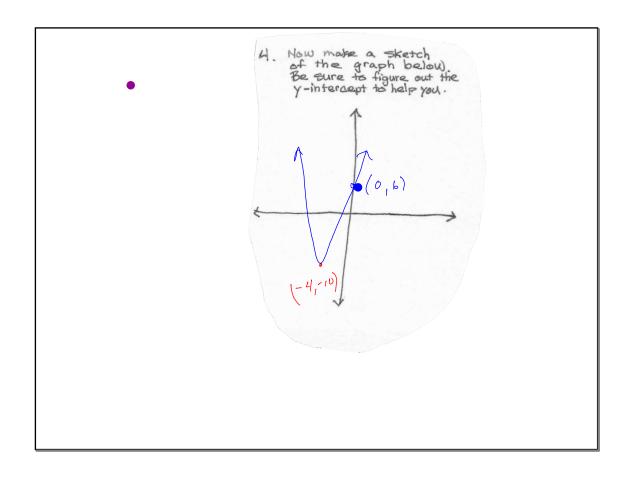
$$y + 16 = (x + 4)^{2} + 6$$

$$y + 16 = (x + 4)^{2} + 6$$

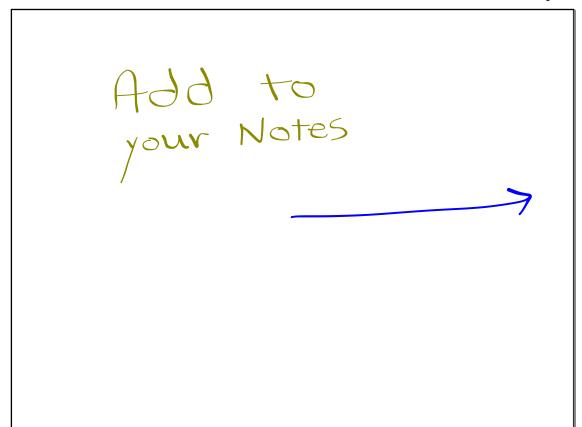
$$y + 16 = (x + 4)^{2} + 6$$

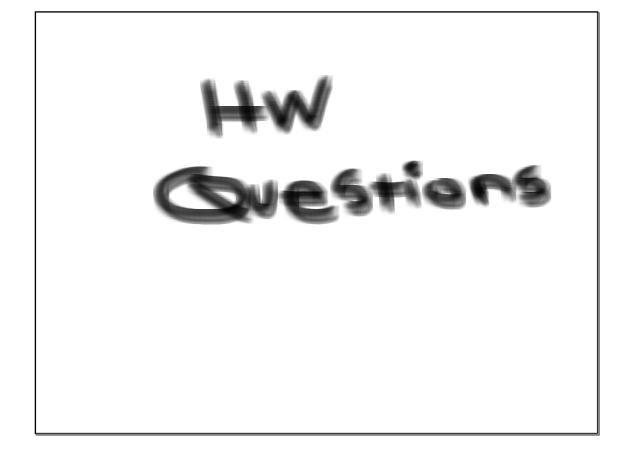
$$y + 16 = (x + 4)^{2} + 6$$

$$y + 1$$

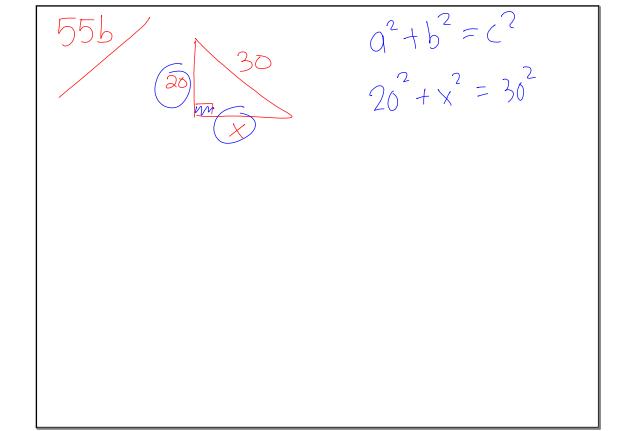


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probability of landing in unshaled region =

Date of Next Test

$$y = (x-3)^3 - 25$$

$$do + his$$

$$0 = (x-3)(x-3) - 25$$

d

$$(x-3)^{3} - 25 = 0$$

$$(x-3)^{2} = 25$$

$$x - 3 = \pm 5$$

$$x = 3 \pm 5$$

$$3 + 5$$

$$3 - 5$$

$$(8, 0)$$

$$(-2, 0)$$

$$3 - 5$$

Aim Today

Complete The Square, Part 2



NOTES! Convert
$$y = x^{2} + 5x + 2$$

$$y + 6.5 = (x + 2.5)^{2} + 2$$

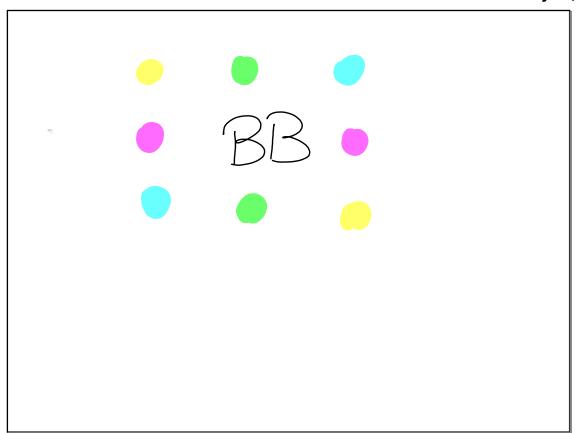
$$y + 6.25 = (x + 2.5)^{2} + 2$$

$$-6.25$$

$$y = (x + 2.5)^{3} - 4.25$$

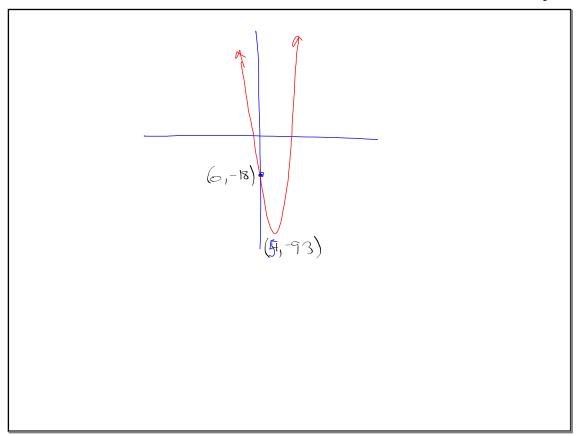
What if
$$a \neq 1$$
 ? complies white yet $y = 2x^2 + 8x + 100$
 $y = 2x^2 + 8x + 100$

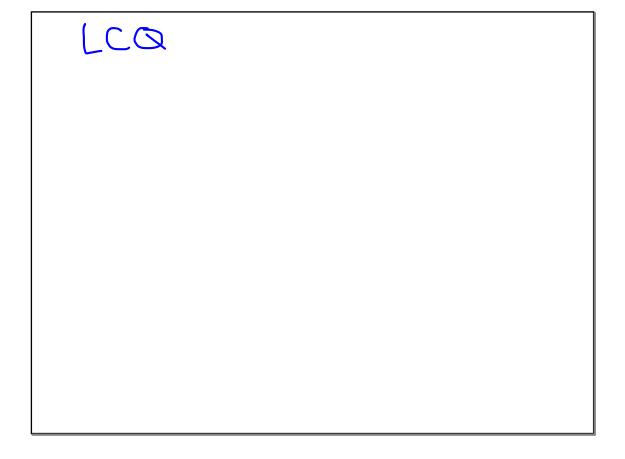
divide by $z = 2(x+2)^2 + 100$
 $y = 2(x+2)^2 + 100$
 $y = 2(x+2)^2 + 90$
 $y = 2(x+2)^2 + 90$



$$f(x) = 3x^2 - 30x - 18$$

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<u>Assignment</u>	
Worksheet 2.1.4 Day 2	