

## Warm Up

Match the discriminant with the graph.

A.  $b^2 - 4ac = 2$

2 solns

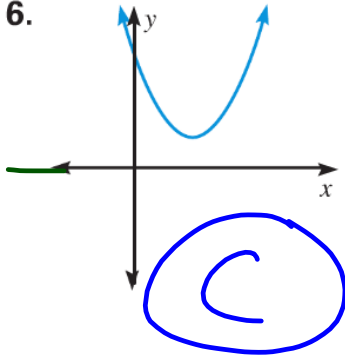
B.  $b^2 - 4ac = 0$

1 soln

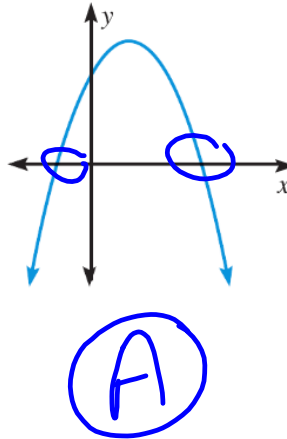
C.  $b^2 - 4ac = -3$

No Soln

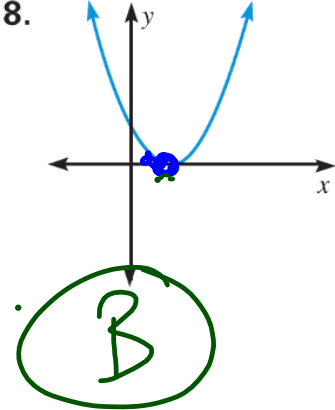
6.



7.



8.



## Homework Questions?

$$32) \quad \frac{1}{4}x^2 - 2x + 4 = 0$$

$$a = \frac{1}{4}, b = -2, c = 4$$

$$b^2 - 4ac$$

$$(-2)^2 - 4\left(\frac{1}{4}\right)(4)$$

$$4 - 1(4)$$

$$4 - 4$$

$$0$$

1 soln

# **Ch.9 Test is This Thursday**

**\*Missing Work Due\***

(Check Missing Assignment Slips)

**Mini Review**

(on doc cam)

# Homework

## Ch.9 Crossword