

Warm Up

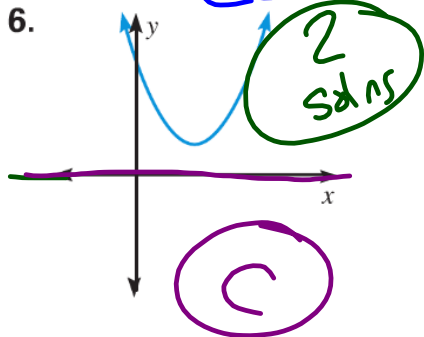
Match the discriminant with the graph.

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

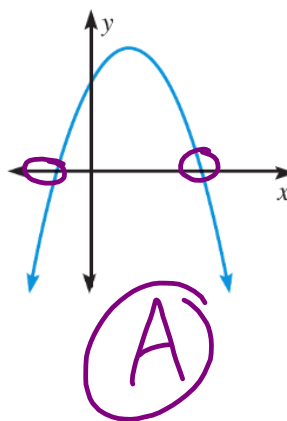
B. $b^2 - 4ac = 0$

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

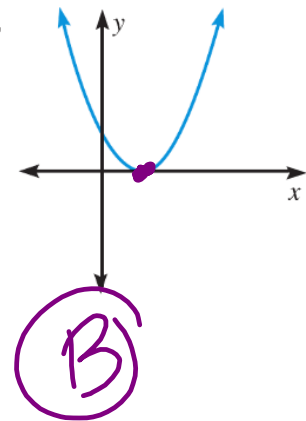
6.



7.



8.



Homework Questions?

18)

$$\frac{1}{2}x^2 + \frac{2}{3}x - 3 = 0$$

$$a = \frac{1}{2}, b = \frac{2}{3}, c = -3$$

$$b^2 - 4ac$$

$$\left(\frac{2}{3}\right)^2 - 4\left(\frac{1}{2}\right)(-3)$$

$$\frac{4}{9} - 2(-3)$$

$$\frac{4}{9} + 6$$

$$\frac{4}{9} + \frac{54}{9} = \frac{58}{9}$$

Crossword Questions?

Ch.9 Test is This Thursday

Missing Work Due

$$X = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Mini Review

Homework

- 1) Finish Ch.9 Crossword
- 2) Ch.9 Review Packet