## 3.11.16 Please do not ask about grades. If you have a question come after school or email me please.

What are the solutions to

$$3(x^{2}+4x+2)=0$$

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

$$7a$$

A) 
$$x = 2 \pm \sqrt{2}$$
  
B)  $x = -2 \pm \frac{\sqrt{30}}{3}$ 

 $3x^2 + 12x + 6 = 0$ ?

B) 
$$x = -2 \pm \frac{\pi}{3}$$
  
C)  $x = -6 \pm \sqrt{2}$ 

D) 
$$x = -6 \pm 6\sqrt{2}$$

$$X = -4 + \sqrt{16 - 8}$$

$$X = -4 + \sqrt{16 - 8}$$

$$X = -4 + \sqrt{8}$$

$$X = -4 + \sqrt{8}$$

$$2\sqrt{2}$$

$$X = -4 \pm 2\sqrt{2}$$
  $X = -2 \pm \sqrt{2}$ 

$$x^2 - \frac{k}{2}x = 2p$$

In the quadratic equation above, k and p are constants. What are the solutions for x?

A) 
$$x = \frac{k}{4} \pm \frac{\sqrt{k^2 + 2p}}{4}$$
B)  $x = \frac{k}{4} \pm \frac{\sqrt{k^2 + 32p}}{4}$ 

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(B)  $x = \frac{k}{4} \pm \frac{\sqrt{k^2 + 32p}}{4}$ 

(C)  $x = \frac{k}{2} \pm \frac{\sqrt{k^2 + 2p}}{2}$ 

(D)  $x = \frac{k}{2} \pm \frac{\sqrt{k^2 + 2p}}{2}$ 

(E)  $x = \frac{k}{2} \pm \frac{\sqrt{k^2 + 2p}}{2}$ 

(E)  $x = \frac{k}{2} \pm \frac{\sqrt{k^2 + 32p}}{2}$ 

C) 
$$x = \frac{k}{2} \pm \frac{\sqrt{k^2 + 32p}}{2}$$
  
D)  $x = \frac{k}{2} \pm \frac{\sqrt{k^2 + 32p}}{4}$ 

$$X = K \pm \sqrt{(-K)^2 + 4(2)(-4p)}$$

$$2(2)$$

$$X = K \pm \sqrt{K^2 + 32P}$$