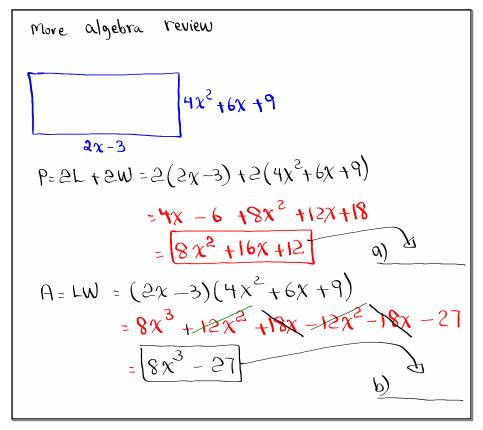


Feb 19-8:47 AM



Feb 7-8:47 AM

Use quadratic formula to Solve
$$(3x - 2)(x + 4) = -8$$

$$3x^{2} + 12x - 2x - 8 = -8$$

$$3x^{2} + 10x - 8 + 8 = 0$$

$$3x^{2} + 10x = 0$$

$$3x^{2} + 10x = 0$$

$$3x^{2} + 10x = 0$$

$$4 = 3$$

$$3x^{2} + 10x = 0$$

$$4x = 10x = 0$$

$$3x^{2} + 10x = 0$$

$$3x^{2} + 10x = 0$$

$$4x = 10x = 0$$

$$3x^{2} + 10x =$$

Feb 7-8:52 AM

Solve 
$$2 \sin^2 x + \sin x - 1 = 0$$
 in  $[0, 2\pi]$ .  
Let  $Y = \sin x$ 

$$2 Y^2 + Y - 1 = 0$$

$$(aY - 1)(Y + 1) = 0$$

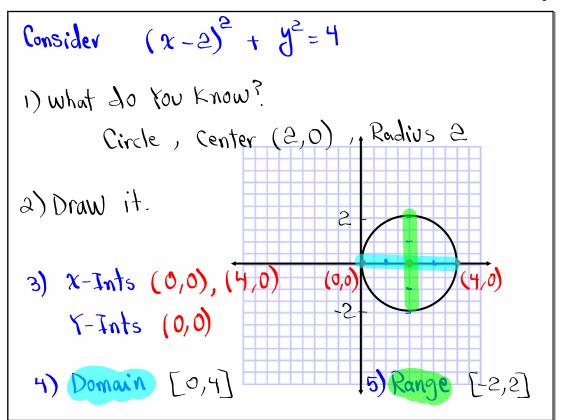
$$2Y - 1 = 0 \quad Y + 1 = 0$$

$$2Y - 1 = 0 \quad Y + 1 = 0$$

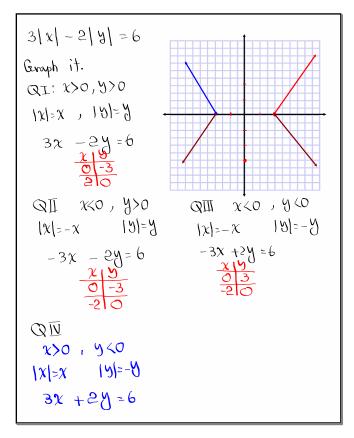
$$3 = \frac{1}{2} \quad Y = -1$$

$$8 = \frac{\pi}{4}$$

$$R.A. \quad \frac{\pi}{6}$$



Feb 7-9:01 AM



Feb 7-9:06 AM

$$f(x) = 4x - 6$$

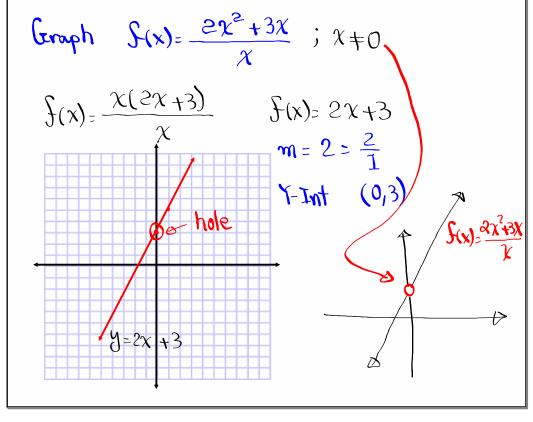
$$f(x) = \frac{f(x+h) - f(x)}{h}, \text{ then evaluate for } h = 0$$

$$\frac{f(x+h) - 6 - (4x - 6)}{h} = \frac{4x + 4h}{h} - 6 - 4x + 6$$

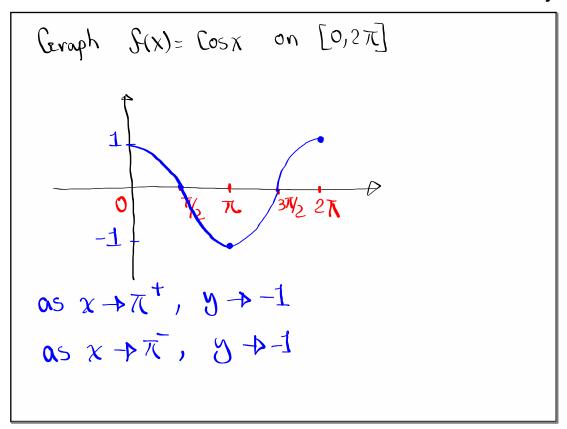
$$h$$

$$= \frac{4k}{k} = 4$$

Feb 7-9:18 AM



Feb 7-9:23 AM



Feb 7-9:28 AM

