March 18, 2010

$$x^2 = 2^2 + \left(\frac{3}{2}\right)^2$$

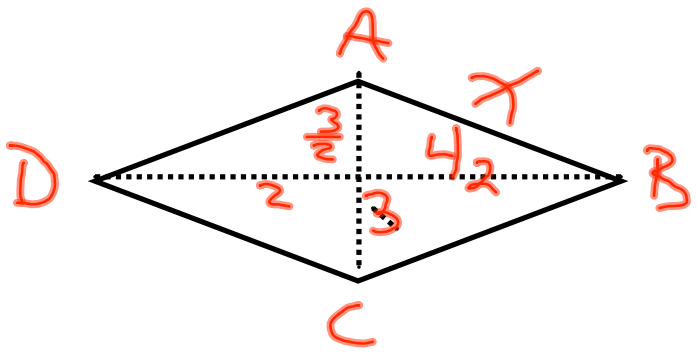
$$= 4 + \frac{9}{4}$$

$$= 4 + 2\frac{1}{4}$$

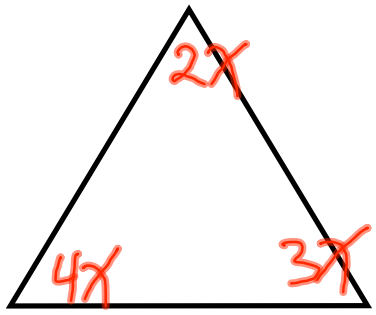
$$x^2 = 6\frac{1}{4}$$

$$\sqrt{x^2} = \sqrt{6\frac{1}{4}}$$

$$x = 2\frac{1}{2}$$



8) all ∠'s of a △ add up to 180°



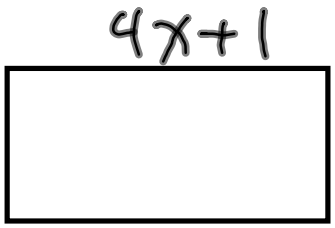
9) $240 10% = 0.10

10) T = hours

d = dollars

$f(T,d) = 12T + 0.10(d)$

11)



$4x+1+4x+1+3x-2+3x-2=70$

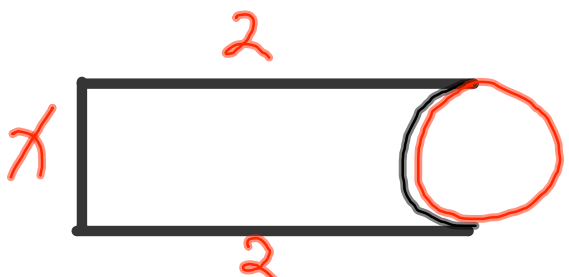
$14x+-2=70$

$+2 \quad +2$

$\frac{14x}{14}=\frac{72}{14}$

$x=90-90$

b) $P = 9.14159$



$x + \square = 5.14159$

$C_o = \frac{\pi}{2} x$

$= \frac{3.14159}{2} x$

$x + \frac{\pi}{2} x = 5.14159$

yo-yo