Review for Test

1.3

23) $C = 24\pi$

$C = 2\pi r$

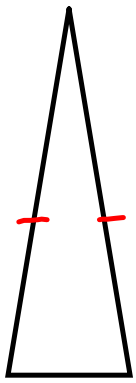
Find r

$\frac{24\pi}{2\pi} = \frac{2\pi r}{2\pi}$

$12 = r$

1.5

35)



$3x+1$

$4x+5$

$2x+7$

A $3x+1 = 4x+5$

$-1 \quad -1$

$3x = 4x+4$

$-4x \quad -4x$

$-x = 4$

$\frac{-x}{-1} = \frac{4}{-1}$

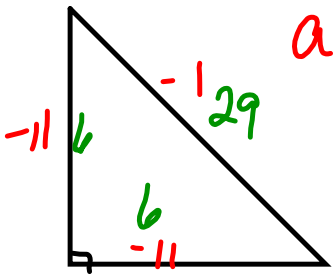
$x = -4$

$3x+1 = 3(-4)+1 = -11$

$4x+5 = 4(-4)+5 = -11$

$2x+7 = 2(-4)+7 = -1$

$a^2+b^2=c^2$



Not Finished
Not on Test!!!

$d = rt$

B) $d = \frac{1}{8}(16) = 2$ miles

36) 16 min @ x Speed

20 min @ x − 0.025

A) $16x = 20(x - 0.025)$

$16x = 20x - 0.5$

$-20x \quad -20x$

$\frac{-4x}{-4} = \frac{-0.5}{-4}$

$x = 0.125$