

4.1.2

Did on Resource Paper

4.1.2

HWK

$$4-17) a) \begin{array}{r} 7-3x = -x+1 \\ +x \quad +x \\ \hline 7-2x = 1 \\ -7 \quad -7 \\ \hline -2x = -6 \\ -2 \quad -2 \\ \hline x = 3 \end{array}$$

$$b) -2+3x = -(x+6)$$

$$\begin{array}{r} -2+3x = -x-6 \\ +x \quad +x \\ \hline -2+4x = -6 \\ +2 \quad +2 \\ \hline 4x = -4 \\ \frac{4x}{4} = \frac{-4}{4} \\ x = -1 \end{array}$$

4-18)

$$\frac{500 \text{ words}}{60 \text{ min}} = \frac{x}{10 \text{ min}}$$

$$\frac{5000}{60} = \frac{60x}{60}$$

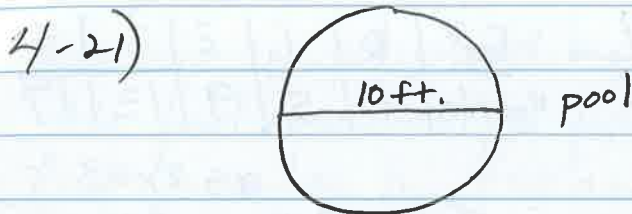
$$83.3 = x \quad \text{Approx. 83 words}$$

4-19)

in(x)	2	10	6	7	-3	5	-10	1000	x
out(y)	9	25	17	19	-1	15	-15	2005	2x+5

- a) multiply x by 2 and add 5  
b)  $y = 2x + 5$

4-20) 3 sisters : Each got a poster  
Each got ~~2~~<sup>72</sup> books  
Each got 8 CDs.



$$\begin{aligned} \text{a) } A &= \pi r^2 \\ &= 3.14 \cdot 5^2 \\ &= 3.14 \cdot 25 \\ &= 78.5 \text{ ft}^2 \end{aligned}$$

$$\text{b) } 78.5 \times (0.10) = \$7.85$$