

Q-v1 pg 213-214 : 1, 2, 3, 11, 12, 13

2) $y = \frac{3}{4}x + 3$ $m = \frac{3}{4}, b = 3$



$y = -\frac{2}{3}x - 16$
 $\downarrow m$



ILLUO 3 : 16, 17, 19, 20

16) At 5 hours, earned

\$80 :

- Proportional : (0, 0)

$E = \frac{\$80}{5L} L \rightarrow E = 16L$

17) $y = \frac{7}{4}x$

$y = \frac{7}{4}(x)$

10	1
25/2	25

$y = \frac{35}{2}$

$y = 7(10)$

$y = 28$

$\frac{35}{10} = \frac{28}{16}$

$\frac{7}{2} \cdot \frac{10}{2} = \frac{22}{10}$

$\frac{7}{4} = \frac{7}{4} \checkmark$

$$19) \begin{array}{r|l} h & a \\ \hline 2 & 8 \\ \hline 3 & 12 \\ \hline 4 & 16 \\ \hline 5 & 20 \end{array}$$

$$\frac{8}{2} = 4 \quad \frac{20}{5} = 4$$

$a = 4h$ for Sarah

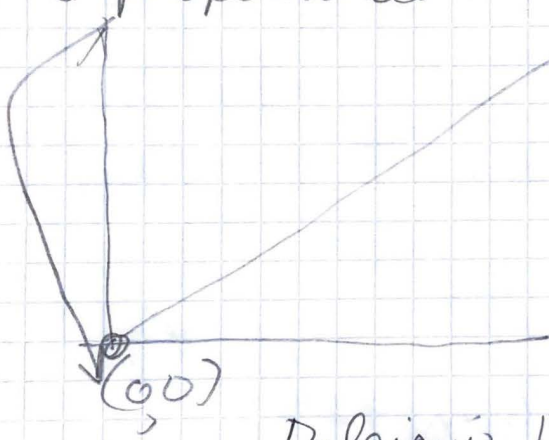
$a = 5h$ for Sabley

$c: \$5/h$ is $\$1/h$ more than $\$4/h$

20) $\frac{3}{4}$ is proportional:

$$\frac{3}{4} = \frac{6}{x}$$

$$x = 8!$$



Dolciani 113-115

$$23) \frac{1}{3}(12-9n) = 4-3n$$

$$4-3n = 4-3n$$

Identity

$$25) 3+4(p+2) = 2p+3(p+4)$$

$$3+4p+8 = 2p+3p+12$$

$$4p+11 = 5p+12$$

$$11 = p+12$$

$$-1 = p$$

$$24) m-6 = \frac{1}{2}(8-18m)$$

$$m-6 = 4-9m$$

$$10m-6 = 4$$

$$10m = 10$$

$$m = 1$$