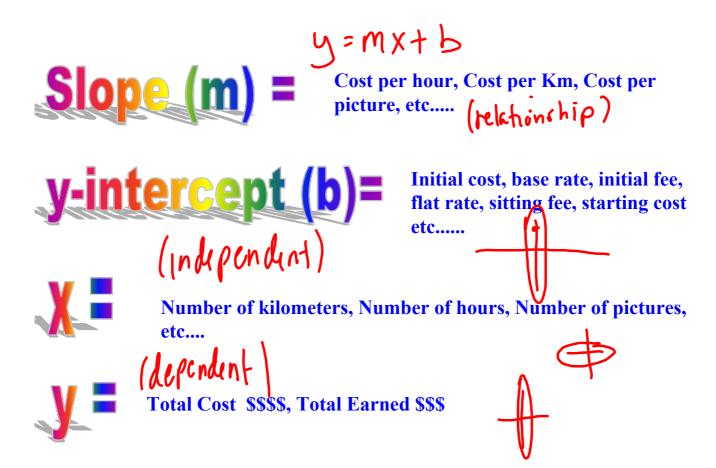
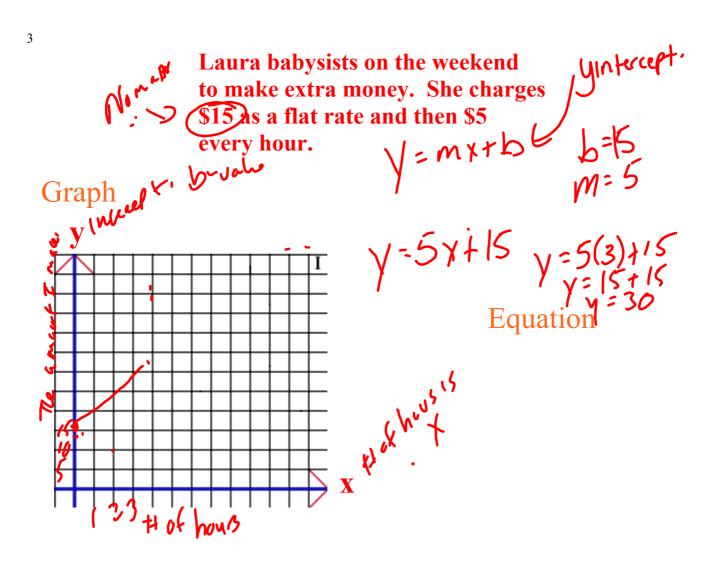


4)
$$M = \frac{1}{4^2 - 4^{1}}$$
 $X_2 - X_1$
 $-\frac{1}{16} = \frac{4 - (-20)}{11 - (-20)}$
 $-\frac{1}{16} = \frac{4 - (-20)}{11 - (-4)}$
 $-\frac{1}{16} = \frac{1}{16} = \frac{$







Laura babysits on the weekend to make extra money. She charges \$15 as a flat rate and then \$5 every hour.

$$b = 15$$

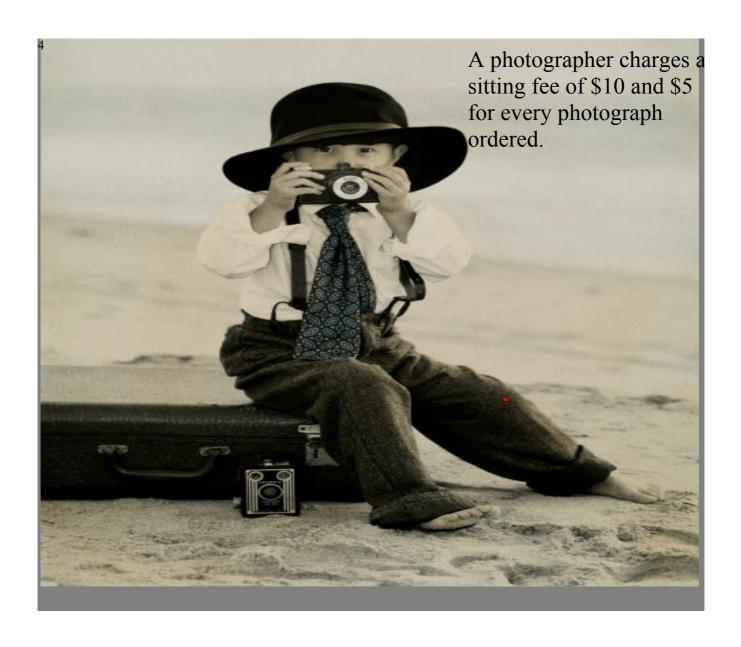
$$m = 5$$

$$x = \# \text{ of hours} \quad how^{h}$$

$$y = \text{Total Cost $\$}$$

1. How much would it cost to have Ashley babysit for 3 hours?

2. How many hours could you ahve Ashley habysit for if you had \$45?

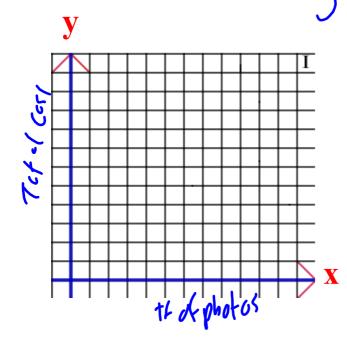


5

A photographer charges a sitting fee of \$10 and \$5 for every

photograph ordered.





Equation y = |y| = |y

A photographer charges a sitting fee of \$10 and \$5 for every photograph ordered.

b = 10

m = 5

x = # of pictures

y = Total Cost \$\$

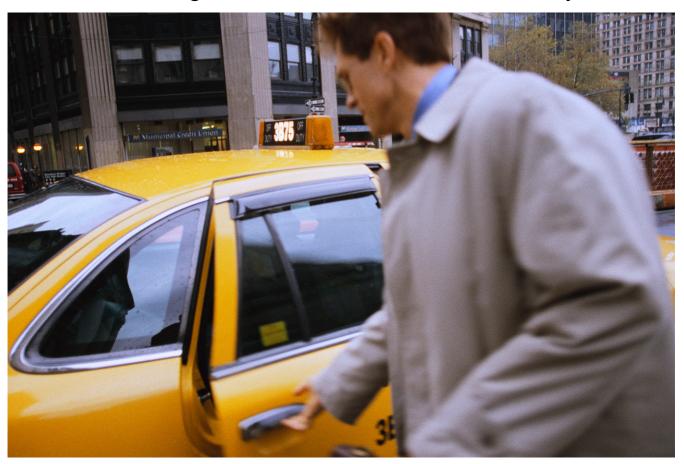
1. How many photographs could you get for \$35?

Y=5x+10 35:5x+10 35:5x+10 50 25:5x 5

2. How much would it cost for 8 photographs?

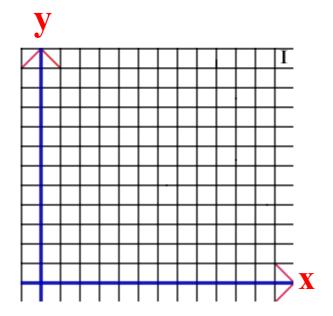
| Solution | Solutio

A taxi driver charges a flat fee of \$25 and then \$1 for every km travelo



⁷A taxi driver charges a flat fee of \$25 and then \$1 for every km traveled.

Graph



Equation

b = m = x =

y =

A taxi driver charges a flat fee of \$25 and then \$1 for every km traveled.

b = 25

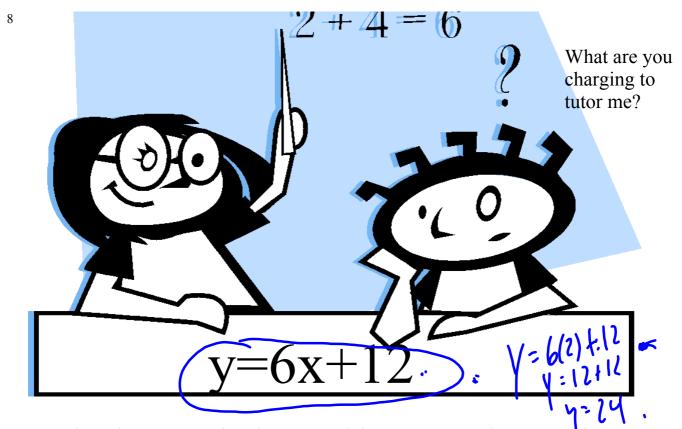
m = 1

x = # of kilometers

y = Total Cost

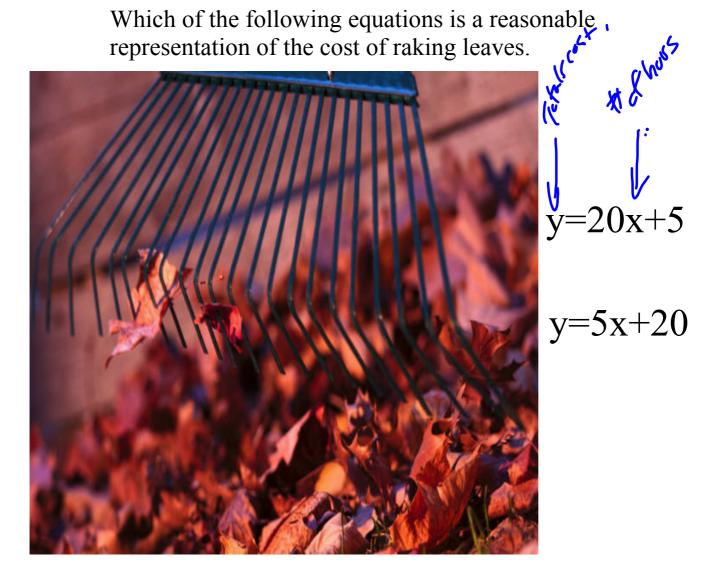
1. How far can you travel for \$75?

2. How much would it cost to travel 50 km?



Write the scenario that would represent the equation.

9



#1 -
$$\frac{1}{2}$$
 $y = \frac{2x+3}{12x+3}$ Howard Proposition opposition oppositi