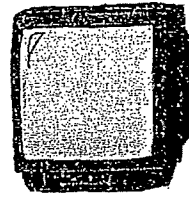


5.8: Finding m and b at different scales.

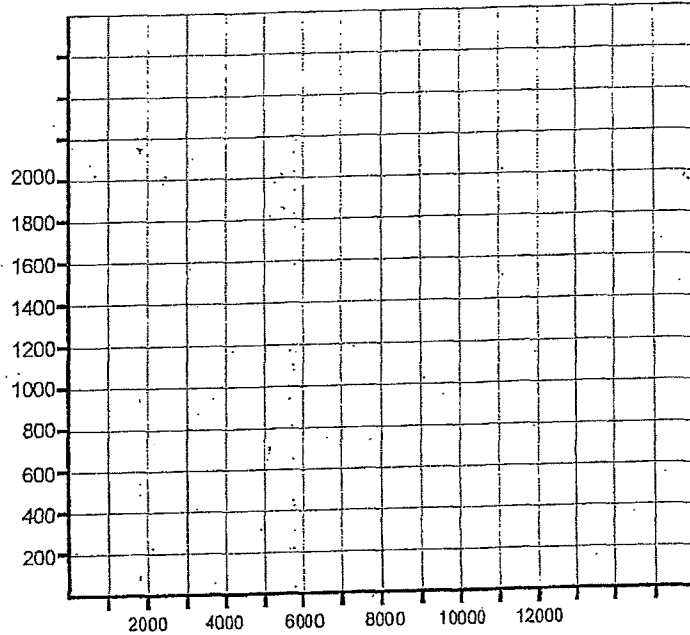
Ishmal sells high-definition televisions. He is paid a weekly salary of 20% commission of his total weekly sales.



a) Complete the table of values.

b) Graph the relationship.

Weekly Sales (\$)	Total Pay (\$)
0	
1000	
2000	
3000	
4000	
5000	



c) Write an equation to model the relationship.

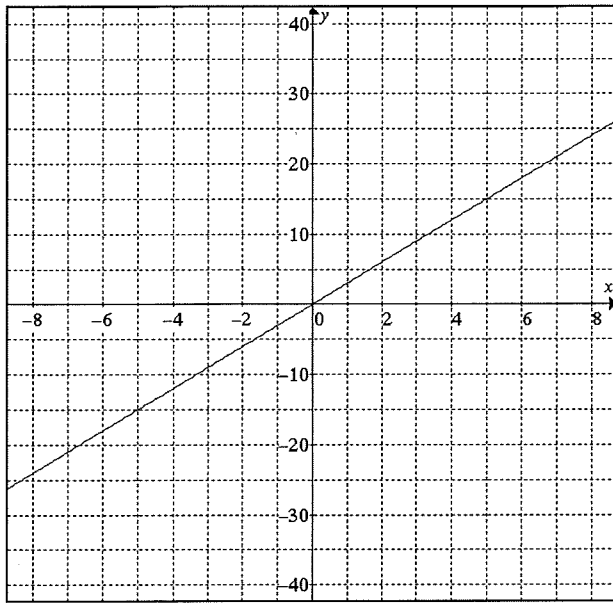
$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

d) Determine Ishmal's pay if his sales for the week were \$8000. Show your work.

e) Ishmal made \$975. How much were his weekly sales? Show your work.

Mathematics 9
 Finding m and b at Different Scales

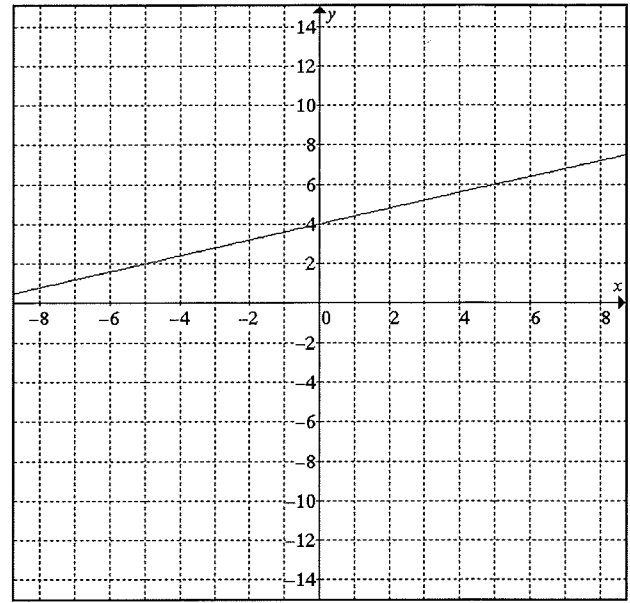
Date: _____



$m =$

$b =$

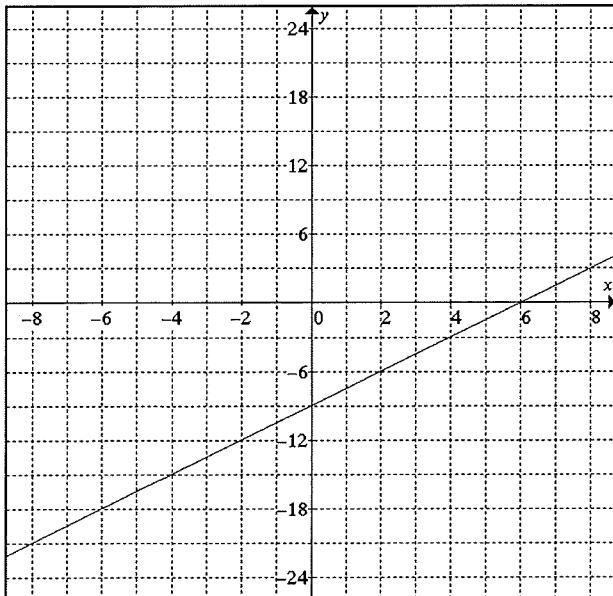
1. Equation of line:



$m =$

$b =$

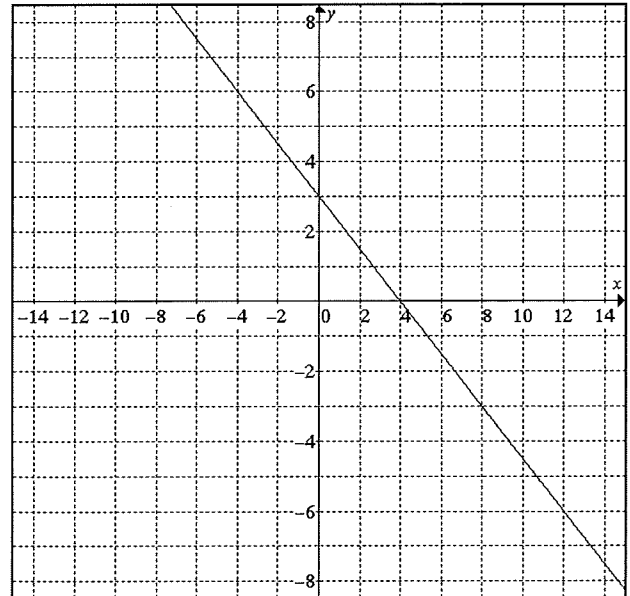
2. Equation of line:



$m =$

$b =$

3. Equation of line:



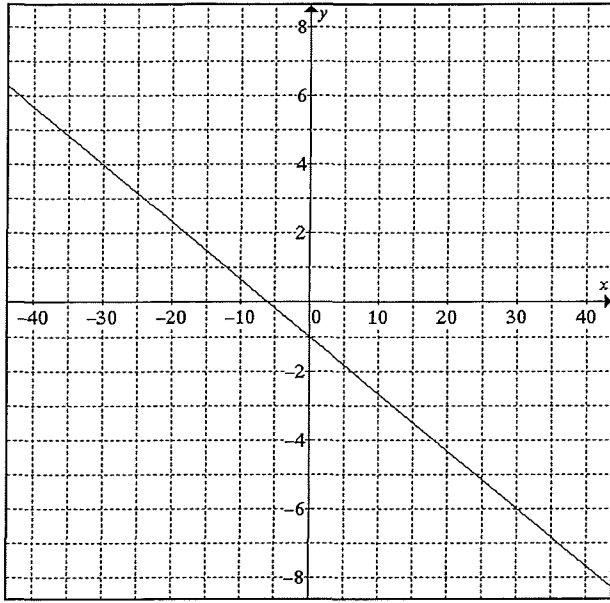
$m =$

$b =$

4. Equation of line:

Mathematics 9
 Finding m and b at Different Scales

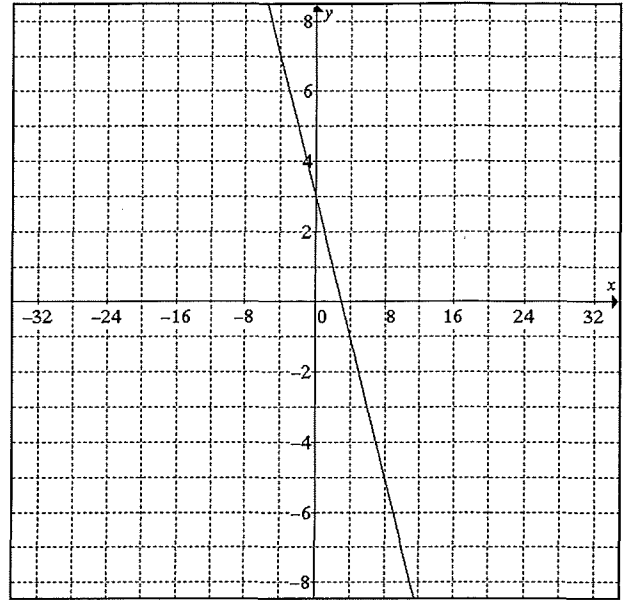
Date: _____



$m =$

$b =$

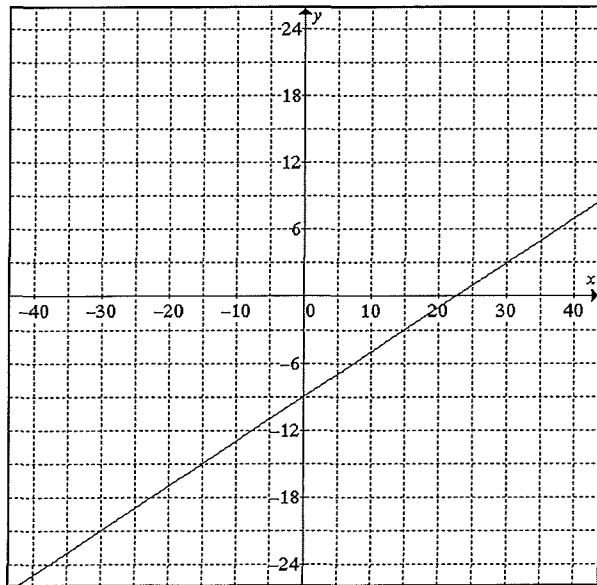
5. Equation of line:



$m =$

$b =$

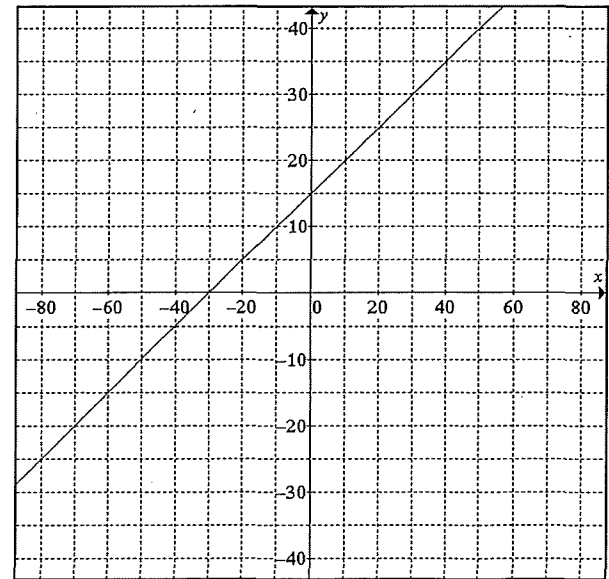
6. Equation of line:



$m =$

$b =$

7. Equation of line:



$m =$

$b =$

8. Equation of line: