

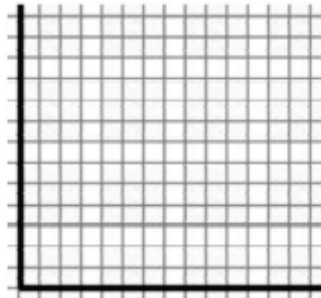
## LINEAR RELATIONS PART I PRACTICE

Eg. 3. The PW Ultimate team is going to Burlington, Washington to play in a tournament. The fee to enter a team is \$50. In addition, it costs \$25 for every player that will be on the team.

- Is this a linear relationship?
- Can you describe the relationship? \_\_\_\_\_  
\_\_\_\_\_
- Express this relationship using a table of values.


- Express this relationship using 3 different ordered pairs.
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- Express this relationship using a graph.



- Express this relationship using an equation.

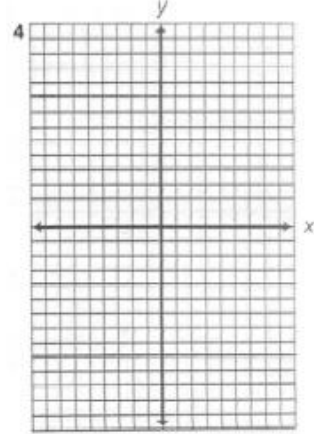
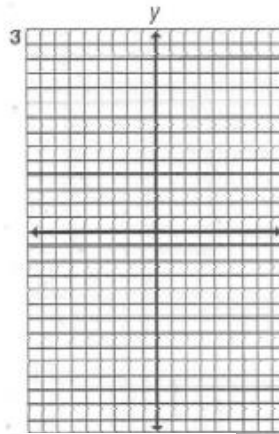
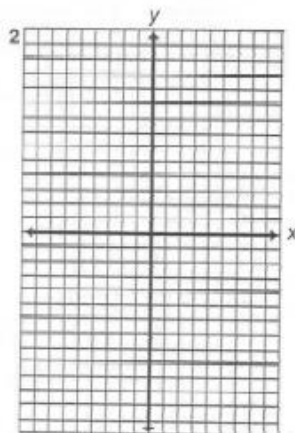
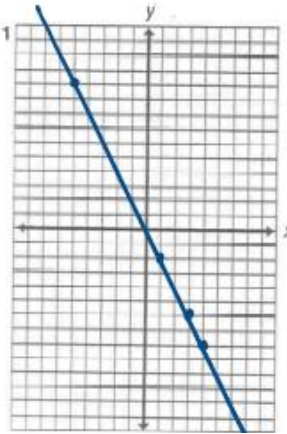
Complete the table of values for each equation and then use the table of values to graph each equation. USE A STRAIGHT EDGE!

1	
$y = -2x$	
x	y
1	-2
4	-8
-5	10
3	-6

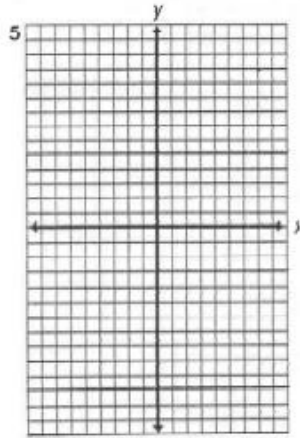
2	
$y = 4 + 2x$	
x	y
3	
-7	
1	
-3	

3	
$y = -3x + 1$	
x	y
3	
-3	
4	
-2	

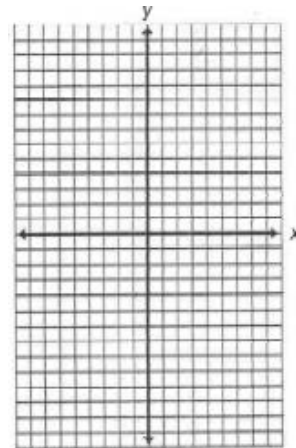
4	
$y = \frac{1}{2}x - 4$	
x	y
10	
-2	
4	
-8	



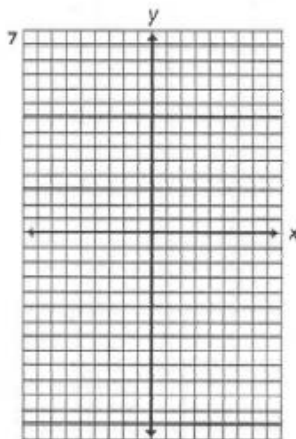
5	
$y = -x + 6$	
x	y
4	
-1	
6	
0	



6	
$y = -\frac{3}{2}x - 2$	
x	y
4	
2	
0	
-2	



7	
$y = 7 - 3x$	
x	y
6	
1	
0	
-2	



8	
$y = 1 - x$	
x	y
-2	
-9	
9	
6	

