Name _____ Date _____ Class _____

LESSON 4-1

Representing Linear Nonproportional Relationships

Practice and Problem Solving: A/B

Make a table of values for each equation.

1. $y = 4x + 3$

x	–2	–1	0	1	2
y					

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

x	–8	–4	0	4	8
y					

3. $y = -0.5x + 1$

x	–4	–2	0	2	4
y					

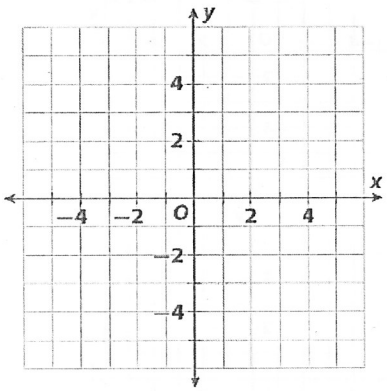
4. $y = 3x + 5$

x	–2	–1	0	1	2
y					

Make a table of values and graph the solutions of each equation.

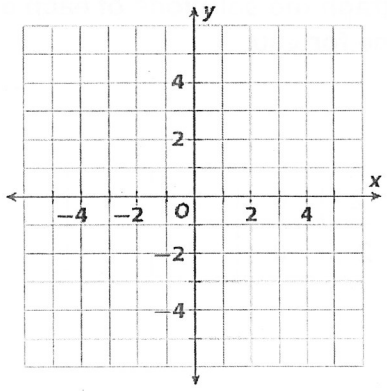
5. $y = 2x + 1$

x	–2	–1	0	1	2
y					



6. $y = -\frac{1}{2}x - 3$

x	–4	–2	0	2	4
y					



State whether the graph of each linear relationship is a solid line or a set of unconnected points. Explain your reasoning.

7. The relationship between the height of a tree and the time since the tree was planted.

_____

_____

8. The relationship between the number of $12 DVDs you buy and the total cost.

_____

Name _____ Date _____ Class _____

LESSON 4-1

Representing Linear Nonproportional Relationships

Practice and Problem Solving: D

Make a table of values for each equation. The first one is done for you.

1. $y = 3x + 2$

x	–2	–1	0	1	2
y	**–4**	**–1**	**2**	**5**	**8**

2. $y = -x - 1$

x	–2	–1	0	1	2
y					

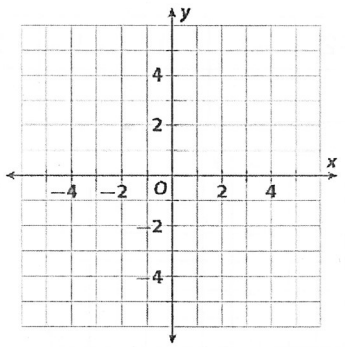
3. $y = 5x + 3$

x	–2	–1	0	1	2
y					

Make a table and graph the solutions of each equation. The first one is done for you.

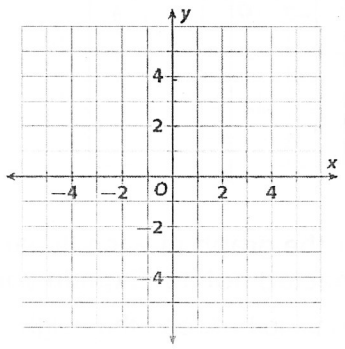
4. $y = \frac{1}{2}x + 3$

x	–4	–2	0	2	4
y	**1**	**2**	**3**	**4**	**5**



5. $y = x - 2$

x	–2	–1	0	1	2
y					



6. $y = -2x + 1$

x	–2	–1	0	1	2
y