

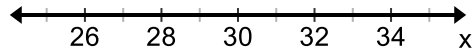
Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

Unit 5 - After Test 4 Review Assignment



1. Write out in words what this compound inequality means:  $-6 \leq x \leq 14$

2. Graph on the number line:  $27 < x < 30$

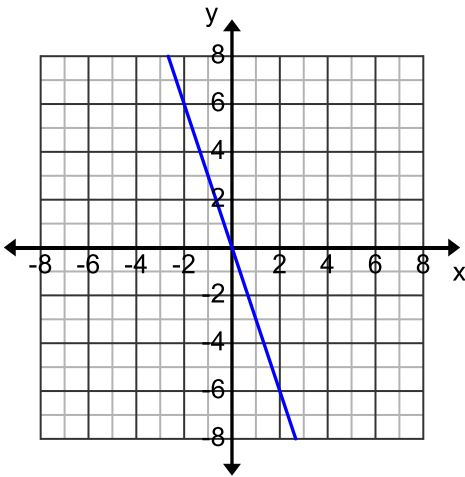


3. Give two solutions to this inequality:  $x \geq -37$

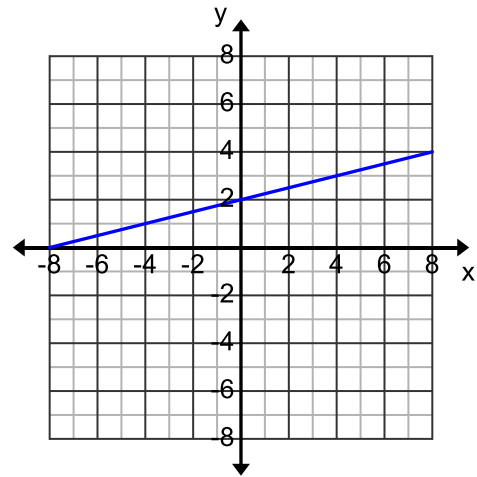
4. Find  $y$  when  $x = 150$ , if  $y = 2x + 9$

5. Evaluate  $f(x) = 2x + 9$  if  $x = -381$

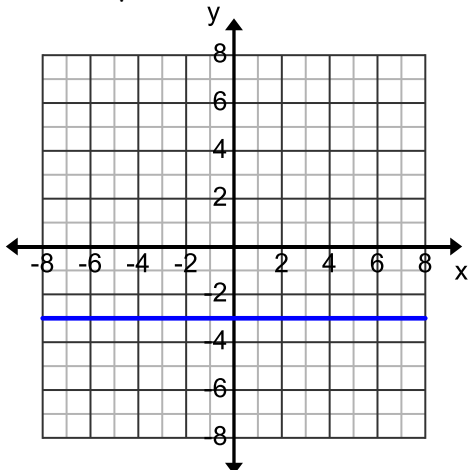
6. Is the slope of this line positive or negative?



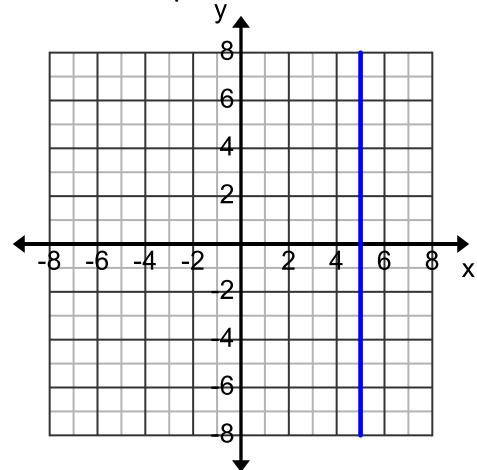
7. Write the equation of this line:



8. Write the equation of this line:



9. Write the equation of this line:



*It is impossible for a man to learn what he thinks he already knows. --Epictetus*

Write explicit and recursive formulas for each sequence:

10.

n	0	1	2
f(n)	-4	-16	-64

Explicit:

Recursive:

11.

n	1	2	3
f(n)	5	2	-1

Recursive:

Explicit:

12.

n	1	2	3
f(n)	6	12	24

Recursive:

Explicit:

Find the missing terms in these sequences:

13.

n	0	1	2	3
f(n)	-13		-5	-1

14.

n	-1	0	1	2	3	4	5
f(n)	7			16		22	25

15.

n	2	3	4	5	6	7	8	9
f(n)	5					15,625		390,625