N3CS20

Practice Set 16

Instructions: Answer each question on loose leaf, quad-ruled (graph paper), headed properly and written in lead-graphite. Remember to fold paper along the center, work exercises in order top to bottom, left column then right column. Staple multiple pages

- 1. Describe what you learned last week. Include examples and non-examples.
- 2. How is determining if a coordinate satisfies a linear equation connected to writing a linear equation given a coordinate on the line and the slope? Justify your argument with evidence. A T.I.E.A.C. paragraph would be nice.
- 3. Gv1 pg220 #6
- 4. Gv1 pg206 #26
- Gv1 pg206 #32 5.
- Gv1 pg64 #12 6.
- Gv1 pg65 #20 7.
- 8. Gv1 pg101 Part C
- 9. Gv1 pg165 Part A
- 10. Gv1 pg195 #10
- 11. Gv1 pg198 #19
- 12. Gv1 pg198 #22
- 13. Gv1 pg198 #24; describe the direction of this line. What can you conclude about lines like this?

Liquide

Mass (g)

 1.5×10

68 102

3.02 - 107

NUKUP

Volume (craft

8.5 × 10

Sector*

10×10²

 1×10^{2}

- 14. Gv1 pg195 #12
- 15.
 - Density is a massare of how compact at substance is. To calculate density divide Henry mapping wolume. On bubbs the density of Mercury ee die liquid shown in the table. Write the MIR to r liquids in order from tool to greatest density, 8,854 DAVE 1 B

1	6.	
1.5	•••	

Select all of the equations that have infinitely many solutions.

- 6x + 7 2x = 4x 7
- \cap 9x - (2x + 5) = 7x - 5
- -5(2x + 3) = -10x + 15
- 5 (3x 2) = 2x + 2
- 12x + 3 + x = 4 + 13x 1
- 17.

The d	logenci	of a	rectanguior	quilt is $\sqrt{324}$	feet long.	8.NS1
1110 1	and the second se	- M	The ball of the second se	ADDRESS TO A DRESS	total and the	0.1 40.1

rt A:	Select all of th	e sets of numbe	is to which $\sqrt{324}$	belongs
	real	rctional	whole	
	integer	International	natural	

Povt B: Change one digit in $\sqrt{324}$ to a different digit. Explain how and why changing that cligit changes the set of numbers to which it belongs.

18.

The parimeter of a rectangular carpet is 44 feet. The langth of the carpet is (3n + 3) feet and the width is (2n - 1) feet. Select whether each statement is true or false. S.EE.7, S.EE.7b

Faise True

- The equation 3n + 3 + 2n - 1 = 44 can be solved to find the value of n.
- Ē The width of the carpet is 4 feet.
- The length of the carpet is 15 feet.
- The carpot is a squarp.

Soles (theuxands), x \$200 \$400

Total Earnings, y

The equation 44 = 2(2n - 1) + 2(3n + 3) can be solved to find the dimensions of the carpet.

19.

The table shows how Ms. Mwande's earnings as a realter change depending on her house sales. 8/FE6, 8/F4



Series (the uncedated \$4

Part A: Graph the points on the coordinate plane and connect them with a straight line.

Part B1 Write an equation in close intercept form to represent the relationship.