Name: _____

Date: _____ Period: _____

Week 22

1 **Solve** the equation. **Show** how to isolate the variable. **Check** your solution.

$y - 9 = 14$

solution: $y =$ ____

check: _____

2 Find the quotient.

$$\frac{3}{9} \div \frac{3}{9} =$$

3 Write the rule for the table.

Input (x)	0	1	2	3
Output (y)	0	5	10	15

4 Find the value of the expression.

$23 - 15/3 + (9 - 3)$

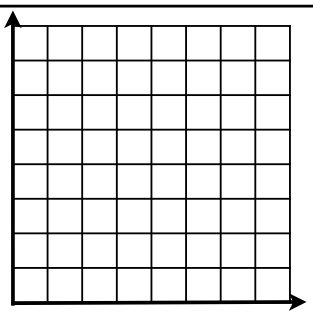
5 Round 243.928 to the nearest hundredth.

6 Find the product.

$$\begin{array}{r} 504 \\ \times\ 420 \\ \hline \end{array}$$

7 Graph each point in the table. Write the rule for the table.

x	2	3	4	6
y	4	5	6	8



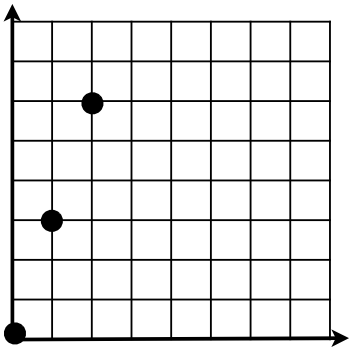
Skills: multiplication, order of operations, algebraic equations, graph equations, rounding, additive & multiplicative patterns, dividing fractions

Name: _____

Date: _____ Period: _____

Week 22

8 Write the rule for the graph.



9 Does the table show an additive or multiplicative pattern?

Input (x)	Output (y)
0	0
3	12
4	16

10 Find the quotient.

$$\frac{1}{4} \div \frac{4}{1} =$$

11 Find the value of the expression.

16/8 + 14 - 20/5

12 **Solve** the equation. **Show** how to isolate the variable. **Check** your solution.

$5y = 60$

solution: $y =$ ____

check: _____

13 Write the rule for the table.

Input (x)	0	1	2	3
Output (y)	7	8	9	10

14 Place parentheses in the expression so that the value of the expression is 4.

24 ÷ 8 - 2 + 20 ÷ 4 - 2

Place parentheses in the expression so that the value of the expression is 11.

24 ÷ 8 - 2 + 20 ÷ 4 - 2

Skills: multiplication, order of operations, algebraic equations, graph equations, rounding, additive & multiplicative patterns, dividing fractions