Name:_____ Date:_____

>>>Spiral Math Work<<<

Due: _____

Show all of your work.

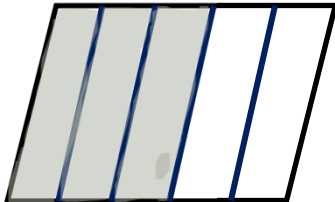|			
#1 What is the sum of 152 and 16?	#2 How many inches are in 5 feet?	#3 What is 1,290 divided by 15?	#4 What is the product of 28.6 and 3.8 ?
#5 What is 453 less than 712?	#6 Simplify the expression: $16 - 2 + 4 =$	#7 What is the product of 34 and 22?	#8 Simplify the expression: $\frac{1}{8} + \frac{3}{4} =$
#9 There are 10 red shirts and 7 blue shirts. Write a ratio to represent the number of blue shirts to the total number of shirts.	#10 Compare each pair of numbers using <, > or = **124 _____ 154** **12,309 _____ 12,390** **150,679 _____ 150,769**	#11 What are two fractions that are equivalent to 5/8 ?	#12 What is 12.061 rounded to the nearest tenth?
#13 Simplify the expression: $\frac{2}{5} + \frac{5}{8} =$	#14 What is 17 less than 134?	#15 Name the shape shown below:	#16 Find the quotient of 34.84 and 2.6.
#17 How many feet are in 7 yards?	#18 What is the quotient of 130 and 5?	#19 What is 145,678 rounded to the nearest thousand?	#20 What is the area of a rectangle with a length of 14 cm and a width of 9 cm?

>>>Spiral Math Work<<<

Show all of your work.

#1 Find the LCM of 8 and 12	#2 Find the GCF of 28 and 14	#3 Reduce the fraction to lowest terms: $$\frac{35}{56}$$	#4 Find the unit rate: $48 for 16 hats $ _____ per hat
#5 The school cafeteria makes 1,180 mozzarella sticks for lunch. If each student gets 4 mozzarella sticks, how many lunches can be made?	#6 A bookstore has 15 aisles. Each aisle has 22 shelves. How many shelves are in the bookstore?	#7 You sign up for 18 weeks of tennis lessons. If the lessons cost $414 in total, how much does one lesson cost?	#8 Write an integer to represent the situation: **35 feet below seal level**
#9 What is the absolute value of – 25?	#10 Compare using > , <, or = **- 1.7 ____ - 1.5**	#11 Compare the numbers below using <, > or = **1.03 ___ 1.3**	#12 Compare the numbers below using <, > or = **2.25 ___ 2.52**
#13 Compare the numbers below using <, > or = **5.16 ___ 5.165**	#14 What is 1.7 less than 4?	#15 What is the sum of 9.8 and 14.05?	#16 What fraction of the shape is shaded?
#17 What is the perimeter of the shape below? 10 5	#18 Compare using <, > or = |-5 | ____ |3 | | Absolute Value |	#19 Name any two integers that are **_less than_** – 10.	#20 Add 45.3 and 68.24
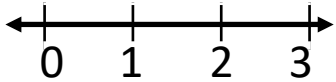
>>>Spiral Math Work<<<

Show all of your work.

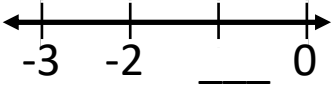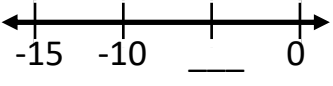| #1 Find the prime factorization of **120**	#2 Find the prime factorization of **72**	#3 **3 x 7 x 2** is the prime factorization of what number?	#4 **2 x 2 x 5 x 7** is the prime factorization of what number?
#5 Louise makes $5 for each dog that she walks. Last week she made $85. How many dogs did she walk?	#6 Place ½ on the number line below. 0 1 2 3	#7 What is the prime factorization of **15**?	#8 Find the ratio of **red chips to total** chips if there are 10 red chips and 5 blue chips in a bag. Write the ratio in lowest terms.
#9 Find the ratio of **blue chips to red** chips if there are 10 red chips and 5 blue chips in a bag. Write the ratio in lowest terms.	#10 What is the prime factorization of **49**?	#11 What is the prime factorization of **125**?	#12 Compare the numbers below using <, > or = **5.067 ___ 5.6**
#13 Compare the numbers below using <, > or = **13.25 ___ 13.205**	#14 What is the area of a square with a side length of 4 cm?	#15 What is the volume of a cube with a side length of 2 cm?	#16 What is the GCF of 6 and 9?
#17 What is the GCF of 30 and 50?	#18 What is the GCF of 24 and 36?	#19 Simplify the fraction below: $\frac{30}{54}$	#20 Simplify the fraction below: $\frac{55}{88}$

Name:_____ Date:_____

>>>Spiral Math Work<<<

Due: _____

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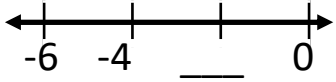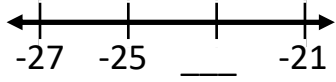|			
#1 Divide: 81.92 ÷ 3.2	#2 Multiply: 5.35 x 2.6	#3 **2 x 3 x 5 x 7** is the prime factorization of what number?	#4 What integer describes gaining 5 pounds?
#5 What integer describes 50 feet below sea level?	#6 Fill in the missing number of the number line below. -3 -2 ___ 0	#7 Fill in the missing number of the number line below. -15 -10 ___ 0	#8 Add: 56.015 + 49.2
#9 Subtract: 89.26 – 73.1	#10 What is the GCF of 12 and 16?	#11 What is the GCF of 15 and 45?	#12 Compare the numbers below using <, > or = **-6 ___ -9**
#13 Compare the numbers below using <, > or = **-12 ___ 12**	#14 Compare the numbers below using <, > or = **-2,300 ___ -3,200**	#15 Compare the numbers below using <, > or = **-14 ___ -13**	#16 Compare the numbers below using <, > or = **-45 ___ -47**
#17 What integer describes withdrawing $100 from your bank account?	#18 What integer describes a loss of 45 yards?	#19 Subtract: 56.25 – 33.4167	#20 Add: 67.5 + 45.2356

Name:_____ Date:_____

Due: _____
Show all of your work. You may use the back if you need more space.

Grade:

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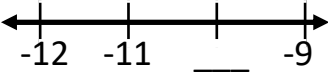|			
#1 Decide if the number is prime, composite or neither: **31**	#2 Decide if the number is prime, composite or neither: **225**	#3 **2^2 x 3^2** is the prime factorization of what number?	#4 What integer losing 10 yards?
#5 What integer describes 75 feet above sea level?	#6 Fill in the missing number of the number line below. -6 -4 ___ 0	#7 Fill in the missing number of the number line below. -27 -25 ___ -21	#8 Evaluate the expression below: $60 - 4^2 + 6$
#9 Evaluate the expression below: $40 \div 4 \times 3$	#10 What is the absolute value of 16?	#11 What is the absolute value of -19?	#12 Name two numbers with an absolute value of 20.
#13 Compare the numbers below using <, > or = **|-122| ___ 122**	#14 Compare the numbers below using <, > or = **-454 ___ -455**	#15 Compare the numbers below using <, > or = **78 ___ |-73|**	#16 Compare the numbers below using <, > or = **|-6| ___ |-9 |**
#17 What integer describes a profit of $650?	#18 A seagull is flying 20 feet above sea level. A fish is swimming 15 feet below sea level. Which is farthest away from the surface of the water?	#19 Evaluate the expression below: 10^6	#20 Evaluate the expression below: 5^3

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Name:_____ Date:_____

>>>Spiral Math Work<<<

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#1 What integer represents depositing $15 into your bank account?	#2 What integer represents gaining 3 pounds?	#3 What integer represents 5°F below zero?	#4 What is the absolute value of -17?
#5 Compare the numbers below using <, > or = **16 ___ |-18|**	#6 Fill in the missing number of the number line below. -12 -11 ___ -9	#7 Compare the numbers below using <, > or = **14 ___ |-14|**	#8 Evaluate the expression below: $15 \div 5 \times 3$
#9 What is the sum of 15 and 15.6?	#10 What is 4.5 less than 20.35?	#11 Mr. Smith bought 6 apples. If each apple cost $0.89, how much did he spend on apples?	#12 Rhianna has art lessons every 3rd day and science club every 4th day. If she has both today, in how many days will she have both again?
#13 Evaluate the expression below. Simplify your answer. $3\frac{1}{2} \times \frac{1}{14}$	#14 Evaluate the expression below. Simplify your answer. $\frac{1}{8} \times \frac{3}{4}$	#15 Evaluate the expression below. Simplify your answer. $\frac{2}{5} \div \frac{3}{10}$	#16 Evaluate the expression below. Simplify your answer. $2\frac{1}{4} \div 8$
#17 Luke runs $\frac{8}{9}$ miles a day. How many miles does he run in 5 days?	#18 Maverick has $\frac{2}{5}$ of a watermelon. He splits it equally into 5 bowls. What fraction of the original watermelon is in each bowl?	#19 Jordan spent $4.35 on lunch. Jack spent $3.87 on lunch. How much more did Jordan spend than Jack?	#20 Lauren spent $6.24 on 4 notebooks. If each notebook cost the same amount, how much was each notebook?

Name:_____   Date:_____

>>>Spiral Math Work<<<

Due: _____

Show all of your work. You may use the back if you need more space.

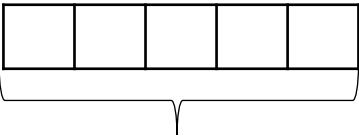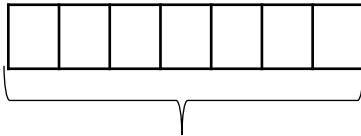|			
#1 What integer represents 6°F below zero?	#2 What integer represents losing 10 yards?	#3 What are two numbers that have an absolute value of 15?	#4 What is the absolute value of −1.8?
#5 Compare the numbers below using <, > or = $1.76 \_\_\_ \, \lvert -1.89 \rvert$	#6 Evaluate the expression below. Simplify your answer. $\frac{3}{4} \div 2\frac{1}{2}$	#7 Evaluate the expression below. Simplify your answer. $1\frac{2}{5} \div 4$	#8 Evaluate the expression below: $2^3 \div 4 \times 2$
#9 Evaluate the expression below: $(5-3)^5 - 5 \times 2$	#10 What is 2.3 less than 5?	#11 What is the product of 6 and 13.5?	#12 Bridget has softball practice every 3rd day and lacrosse practice every 6th day. If she has both today, in how many days will she have both again?
#13 Evaluate the expression below. Simplify your answer. $\frac{4}{5} \times \frac{3}{16}$	#14 Evaluate the expression below. Simplify your answer. $\frac{2}{8} \times \frac{3}{4}$	#15 Evaluate the expression below. Simplify your answer. $3\frac{1}{5} \div \frac{8}{15}$	#16 Evaluate the expression below. Simplify your answer. $1\frac{2}{3} \div 6$
#17 Hunter walks $1\frac{2}{5}$ miles a day. How many miles does he walk in 18 days?	#18 Rylee has $5\frac{1}{2}$ pizzas. She splits it equally between her 7 friends. What fraction of the original pizzas does each friend have?	#19 Sebastian buys a t-shirt that costs $25.36. It is on sale for $4.52 off. What is the sale price?	#20 Casey spends $46.25 on 5 DVDs. If each DVD costs the same amount, what is the cost of 1 DVD?

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Name:_____   Date:_____

>>>Spiral Math Work<<<

Due: _____

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Grade:

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#1 What is the sum of 4.5 and 6.25?	#2 What is 15.67 less than 26.84?	#3 What is the product of 3.8 and 0.25?	#4 What is 22.5 split into 9 equal groups?
#5 Compare the numbers below using <, > or = **2.5 + 3.4 ___ 6.5 -3.1**	#6 Evaluate the expression below. Simplify your answer. $\frac{6}{9} \div \frac{1}{2}$	#7 Evaluate the expression below. Simplify your answer. $\frac{2}{7} \times 4$	#8 Change the mixed number to an improper fraction. $3\frac{4}{9}$
#9 Change the mixed number to an improper fraction. $5\frac{2}{5}$	#10 Change the improper fraction to a mixed number. $\frac{12}{7}$	#11 Change the improper fraction to a mixed number. $\frac{35}{8}$	#12 What is the LCM of 15 and 25?
#13 What is the GCF of 16 and 54?	#14 Find the unknown value in the pair of equivalent fractions. $\frac{1}{8} = \frac{?}{4}$	#15 Find the unknown value in the pair of equivalent fractions. $\frac{14}{20} = \frac{?}{60}$	#16 Find the unknown value in the pair of equivalent fractions. $\frac{5}{?} = \frac{25}{100}$
#17 Find the value of one unit of the bar model. **35**	#18 Find the value of one unit of the bar model. **70**	#19 What is the prime factorization of **48**?	#20 3^2 x 5^2 is the prime factorization of what number?

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Name:_____   Date:_____

>>>Spiral Math Work<<<

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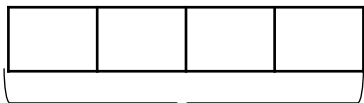
#1 Find the value of one unit of the bar model. 18	#2 Find the value of one unit of the bar model. 27	#3 Manny has 5 apples and 4 oranges. What is the ratio of apples to oranges? Write the ratio 3 ways.	#4 Lauren has 6 pairs of jeans and 8 pairs of leggings. What is the ratio of leggings to jeans? Write the ratio 3 ways.
#5 What is the ratio of stars to hearts? Write the ratio 3 ways. ♥★♥♥★	#6 What is the ratio of smiley faces to sad faces? ☺☺☹☺☹☹☺☹☹	#7 Order the numbers from least to greatest. **-16, -18, -15, -12**	#8 What is 23,401 in expanded form?
#9 Change the mixed number to an improper fraction. $6\frac{1}{4}$	#10 Change the improper fraction to a mixed number. $\frac{15}{8}$	#11 What is the absolute value of 54?	#12 What integer represents 356 feet below sea level?
#13 Evaluate the expression. 5^4	#14 Find the unknown value in the pair of equivalent fractions. $\frac{6}{?} = \frac{18}{54}$	#15 What is 5 less than 14.35?	#16 What is the product of 3.4 and 15.56?
#17 Evaluate the expression. $45 + (14 - 8)^2$	#18 Kerry has 4 goldfish and 8 beta fish. What is the ratio of beta fish to total fish? Write the ratio 3 ways.	#19 At camp, there are 12 campers and 2 counselors in each cabin. What is the ratio of campers to total people in the cabin?	#20 Simplify the fraction below. $\frac{36}{48}$

Name:_____ Date:_____

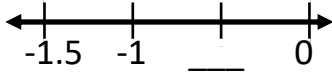# >>>Spiral Math Work<<<

Due: _____
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Grade:
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#1 What is the area of a rectangle with a length of 4.5 cm and a width of 6 cm?	#2 Karen's Fruit Stand sold 18 packages of raspberries and 20 packages of blueberries. What is the ratio of packages of raspberries to total packages of berries? Simplify the ratio.	#3 In the word below, what is the ratio of vowels to consonants? **MATHEMATICS**	#4 Are the ratios 6:5 and 5:6 equivalent? Justify your answer.
#5 Are the ratios 12: 24 and 3:6 equivalent? Justify your answer.	#6 What are two ratios that are equivalent to 15:20 ?	#7 Order the numbers from least to greatest. **-5, -3, -9, -1**	#8 Compare the numbers below using <, > or = **|-10| ___ |-12|**
#9 Find the area of a square with a side length of $\frac{1}{4}$ in.	#10 Change the improper fraction to a mixed number. $\frac{22}{13}$	#11 Write the ratio 13:39 in simplest form.	#12 Write the ratio 15:25 in simplest form.
#13 Evaluate the expression. 7^3	#14 Find the unknown value in the pair of equivalent fractions. $\frac{1}{9} = \frac{?}{72}$	#15 Fill in the missing number on the number line below. -1.5 -1 ___ 0	#16 What is the product of 1.2 and 6.54?
#17 Evaluate the expression. $12 - 6 + 3 \times (8 + 2 - 3)^2$	#18 There are 13 girls and 12 boys in the class. What is the ratio of boys to total kids in the class?	#19 Write the ratio $\frac{14}{18}$ in simplest form.	#20 What is the greatest common factor of 18 and 24?

Name:_____   Date:_____

>>>Spiral Math Work<<<

Due: _____
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#1 Use division to find two ratios equivalent to 30:40.	**#2** A punch recipe calls for 2 parts soda to 3 parts fruit juice. If you use 8 cups of soda, how much fruit juice do you need?	**#3** In the word below, what is the ratio of vowels to consonants? **TEXTBOOK**	**#4** Fill in the missing value in the table below:

Boys	3	
Girls	6	12

#5 Fill in the missing value in the table below:	**#6** Simplify the fraction below. $\frac{45}{99}$	**#7** Order the numbers from least to greatest. **-24, -30, -25, -29**	**#8** Compare the numbers below using <, > or = $\lvert\frac{1}{4}\rvert$ ___ $\lvert-\frac{2}{5}\rvert$

Cats	6	24
Dogs	21	

#9 What is the LCM of 54 and 90?	**#10** Change the mixed number to an improper fraction. $9\frac{2}{10}$	**#11** Write the decimal 1.0056 in word form.	**#12** Find the value of one unit of the bar model. **96**
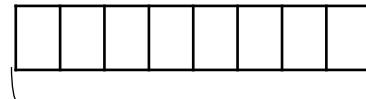
#13 Compare the numbers below using <, > or = $\lvert\mathbf{5^2}\rvert$ ___ $\lvert\mathbf{2^5}\rvert$	**#14** Fill in the missing term in the pair of equivalent ratios. **2:3 = _____:12**	**#15** Fill in the missing term in the pair of equivalent ratios. **48:30 = 8:_____**	**#16** Evelyn is mixing light blue paint. The ratio of blue to white paint is 3:1. If Evelyn uses 6 parts blue paint. How much white paint does she need?

#17 The ratio of dogs to cats at the animal shelter is 6:7. If there are 42 cats, how many dogs are there?	**#18** What is 5.6 less than 14.5?	**#19** What is the prime factorization of **360**?	**#20** What integer represents withdrawing $600 from your bank account?

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>>>Spiral Math Work<<<

Due: _____

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|			
#1 The ratio of cats to dogs at the animal shelter is 2:5. If there are 35 animals total, how many cats are there?	**#2** Draw and label tape diagrams for the situation described: **There are 6 tennis balls for every tennis racket.**	**#3** The ratio of boys to girls in the band is 3:6. If there are 81 students in the band, how many boys are in the band?	**#4** Fill in the missing value in the table below: Red | 48 | 6 Blue | | 7.5
#5 A bag of marbles has 15 blue, 25 red and 5 green. Write and simplify the ratio of blue to red to green marble.	**#6** Evaluate the expression. Simplify your answer. $$1\frac{1}{3} \times \frac{9}{16}$$	**#7** What is the absolute value of 184?	**#8** Fill in the missing values in the table below: Boys | Girls 5 | 4 | 16 40 |
#9 Decide if the number is prime, composite or neither: **235**	**#10** Evaluate the expression below. $$(5 + 9) \times 12 - 6$$	**#11** Are the ratios 12:15 and 5:4 equivalent? Justify your answer.	**#12** Evaluate the expression below. Simplify your answer. $$\frac{2}{3} \div \frac{4}{12}$$
#13 Write 6^5 in expanded form.	**#14** Fill in the missing term in the pair of equivalent ratios. **54:36 = 18 :_____**	**#15** Fill in the missing term in the pair of equivalent ratios. **7:4 = 21:_____**	**#16** The bar model shows the ratio of daisies to roses in the garden. Write the ratio of daisies to roses 3 ways. **Daisies** ▯▯▯ **Roses** ▯
#17 The ratio of girls to boys in the grade is 7 to 8. If there are 140 girls, how many boys are there?	**#18** What is 15.75 divided by 6.3?	**#19** What is the prime factorization of **144**?	**#20** Aylyn makes $45.67 on Tuesday and $35.89 on Wednesday. How much does she make in all?

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>>>Spiral Math Work<<<

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#1 Decide if the following situation is a rate or not. Why or why not? **You drive 50 miles in 2 hours.**	#2 Draw and label tape diagrams for the situation described: **A recipe calls for 2 cups of sugar for every 3 cups of flour.**	#3 The ratio of red jellybeans to green jellybeans is 5:9. If there are 84 jellybeans, how many green jellybeans are there?	#4 Fill in the missing value in the table below:

Feet	6	
Yards	2	18

#5 Decide if the following situation is a unit rate or not. Why or why not? **You pay \$20 for 4 books.**	#6 Evaluate the expression. Simplify your answer. $\frac{2}{3} \times \frac{1}{4} \div \frac{4}{5}$	#7 Fill in the missing values in the table below:	#8 Your family travels 336 miles in 6 hours. Find the unit rate.

Water	Mix
1	5
	25
16	

#9 Decide if the following situation is a unit rate or not. Why or why not? **You score 12 points in one basketball game.**	#10 Evaluate the expression below. $5^3 + 2^3 + 3^2$	#11 Are the ratios 2:3 and 8:12 equivalent? Justify your answer.	#12 Evaluate the expression below. Simplify your answer. $\frac{1}{6} \div 4\frac{1}{2}$

#13 There are 72 students for every 6 teachers on the field trip. What is the unit rate?	#14 Fill in the missing term in the pair of equivalent ratios. **2:6 = 18 :_____**	#15 Gabe buys a pack of 25 colored pencils for \$25.50. What is the unit cost of one pencil?	#16 What is 7 less than 12.09?
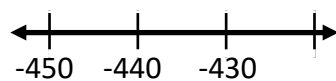
#17 Fill in the missing number on the number line. -450 -440 -430 ____	#18 The copy machine makes 350 copies in 4 minutes. How many copies can it make in 1 minute?	#19 **2^3 x 3^2** is the prime factorization of what number?	#20 What is the volume of a cube with a side length of 3 inches?

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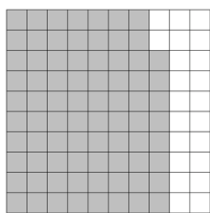|			
#1 Draw and label tape diagrams for the situation described: **The candy jar contains 3 peppermints for every 5 chocolates.**	**#2** Find the unknown value in the pair of equivalent fractions. $\dfrac{3}{5} = \dfrac{?}{100}$	**#3** Find the unknown value in the pair of equivalent fractions. $\dfrac{2}{10} = \dfrac{?}{100}$	**#4** Simplify the fraction below. $\dfrac{25}{100}$
#5 Find the unit rate of the situation below: **You pay $20 for 5 tennis balls.**	**#6** Name the polygon pictured below. 	**#7** Fill in the missing values in the table below: | Red	White
---	---
20	35
	7
15			**#8** You make $114 for 12 hours of work. Find the unit rate.
#9 Write the fraction as a decimal: $\dfrac{15}{100}$	**#10** Write the fraction as a decimal: $\dfrac{2}{10}$	**#11** Write the fraction as a decimal: $\dfrac{6}{20}$	**#12** Evaluate the expression. $\dfrac{2}{7} \times 14$
#13 What percent of the square is shaded in? 	**#14** What percent of the square is shaded in? 	**#15** You earned 89 out of 100 points on your math quiz. What percent of the points did you earn?	**#16** Out of 100 students, 45 are in band. What percent of students are in band?
#17 Kiley got 9 out of 10 questions correct on her science quiz. What percent of the questions did she get correct?	**#18** Mikayla has 25 stickers. 14 are puffy stickers. What percent of her stickers are puffy stickers?	**#19** What is the GCF of 35 and 45?	**#20** What is the LCM of 35 and 45?
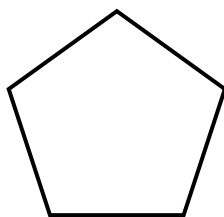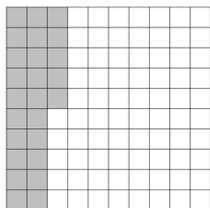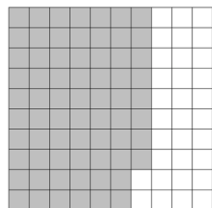
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Due: _____

Show all of your work. You may use the back if you need more space.

#1 Find the unit rate of the situation below: **It costs $21.25 to buy lunch for 5 days.**	#2 Find the unknown value in the pair of equivalent fractions. $\frac{3}{4} = \frac{?}{100}$	#3 Find the unknown value in the pair of equivalent fractions. $\frac{1}{25} = \frac{?}{100}$	#4 Write the fraction as a decimal: $\frac{31}{100}$
#5 Find the unit rate of the situation below: **You run 12 miles in 2 hours.**	#6 What percent of the square is shaded in? 	#7 Fill in the missing values in the table below: _see table below_	#8 A recipe calls for 1 tbsp. of salt and 3 tbsp. of cinnamon. If you use 12 tbsp. of cinnamon, how much salt do you need?
#9 What is 0.65 as a percent?	#10 What is 0.05 as a percent?	#11 What is 24% as a fraction in simplest form?	#12 What is 45% as a decimal?
#13 What percent of the square is shaded in? 	#14 What is $\frac{2}{3}$ as a percent?	#15 You earned 43 out of 50 points on your reading quiz. What percent of the points did you earn?	#16 Evaluate the expression. $\frac{1}{4} \times 5 \div \frac{2}{3}$
#17 What is 5% of 120?	#18 What is 10% of 65?	#19 What is 40% of 20?	#20 There are 75 students. 20% of the the students are in a club. How many students are in a club?
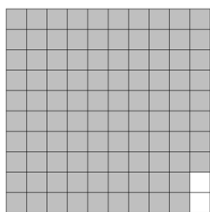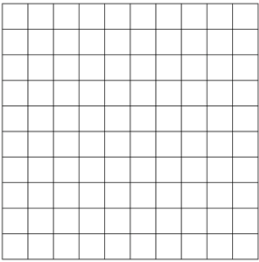
Table for #7:

Pink	Purple
6	8
	24
60	

Name:_____   Date:_____

Due: _____

Show all of your work. You may use the back if you need more space.

Grade:

_____/20

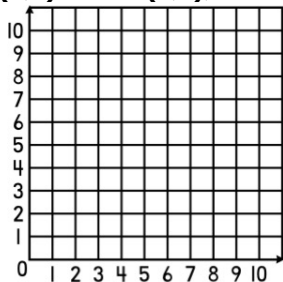| #1 Decide if the number is prime, composite or neither: **0**	#2 Find the unknown value in the pair of equivalent fractions. $$\frac{5}{?} = \frac{15}{45}$$	#3 What is the area of a rectangle with an area of 3.1 mm and a width of 2.4 mm.	#4 Write the fraction as a percent. $$\frac{3}{4}$$
#5 Find the unit rate of the situation below: **You can drive 80 miles on 5 gallons of gas.**	#6 Grocery Mart has cookies on sale for $3.84 for 12 cookies. Food Shoppe has cookies on sale $5.70 for 19 cookies. Which store has a better deal on cookies?	#7 Rhianna works at the gym every 4 days. Kaitlin works every 6 day. If they work together today, in how many days will they work together again?	#8 There are 16 girls and 18 boys in math class. What is the ratio of boys to totally students? Simplify the ratio.
#9 What is 0.08 as a percent?	#10 There are 16 girls in the class. This represents 80% of the class. How many total students are there?	#11 What is 55% as a fraction in simplest form?	#12 What is 22% as a decimal?
#13 Shade in 56% of the square below: 	#14 What is $\frac{1}{6}$ as a percent?	#15 What is 55% of 350?	#16 Evaluate the expression. $$4^3 \times 3^4$$
#17 There are 75 campsites. 60% of the campsites are occupied. How many are occupied?	#18 What is 12% of 95?	#19 What is 9% of 7?	#20 10% of what number is 10?

Name:_____ Date:_____
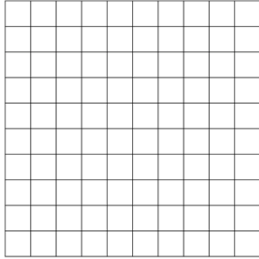
>>>Spiral Math Work<<<

Due: _____
Show all of your work. You may use the back if you need more space.

#1 What is 22% of 44?	#2 Find the unknown value in the pair of equivalent fractions. $$\frac{12}{?} = \frac{36}{60}$$	#3 24 is 80% of what number?	#4 Write the fraction as a percent. $$\frac{5}{9}$$
#5 Find the unit rate of the situation below: **You download 30 songs in 20 minutes.**	#6 Decide which is the better buy: **$5.50 for 11 juice boxes** **$6.75 for 15 juice boxes**	#7 There are 63 students are in band. This represents 30% of the grade. How many students are there in the entire grade?	#8 Write an algebraic expression: **4 more than x**
#9 Write an algebraic expression: **g less than 45**	#10 What is 0.59 as a percent?	#11 What is 35% as a fraction in simplest form?	#12 Shade in 3% of the square below:
#13 Kayla is 4 years younger than her sister. Write an algebraic expression that represents the situation.	#14 Lia spend $4 more on her backpack than Kiera. Write an algebraic expression that represents the situation.	#15 Write an algebraic expression: **The quotient of m and 15 minus 2**	#16 Write an algebraic expression: **The area of a rectangle with a length of 4 units and a width of w units**
#17 Evaluate the expression below when x=17. $x + 2$	#18 Evaluate the expression below when x=5. $2x$	#19 Evaluate the expression below when x=240. $$\frac{x}{12}$$	#20 Evaluate the expression below when x=5. $(2x + 1) + (3x - 2)$

Name:_____ Date:_____

Due: _____

Show all of your work. You may use the back if you need more space.

Grade:
_____/20

#1 What is 36% of 200?	#2 Evaluate the expression below. Simplify your answer. $\frac{2}{7} \times 5\frac{1}{2}$	#3 15 is 25% of what number?	#4 Write the fraction as a decimal. $\frac{3}{5}$
#5 Find the unit rate of the situation below: **Shane spent $37.50 on lunch for the last 30 days.**	#6 Mason drives 136 miles with 8 gallons of gas. How far can he drive with one gallon of gas?	#7 Write an algebraic expression: **The product of 5 and x increased by y**	#8 Write an algebraic expression: **4 more than the quotient of m and n**
#9 Evaluate the expression below when g=4. $3g^2$	#10 Evaluate the expression below when m=8. $3m(4 + m)$	#11 What is 2% as a fraction in simplest form?	#12 Vince went shopping and spent $0.50 on each pencil and $0.25 on each pen. Write an algebraic expression to express the amount Vince spent on *p* pencils and *m* pens.
#13 Simplify the expression. $g + g + g$	#14 Simplify the expression. $m + m + m + m + 2 + 3$	#15 Simplify the expression. $d + d + d + 5 + d + 9 + d$	#16 Simplify the expression. $5g + g$
#17 Simplify the expression. $3f + 2f$	#18 Is $d + 6d$ equivalent to $6d$? Why or why not?	#19 Katrina earned $45 with her lemonade stand. She is donating 35% to charity. How much is she donating to charity?	#20 Evaluate the expression. $5^3 - 2 + 4^2$

Name:_____ Date:_____

Due: _____

Show all of your work. You may use the back if you need more space.

Grade:
_____/20

#1 There are 250 students in the 6th grade. 45% of the students eat lunch 4th period. How many students eat lunch 4th period?	#2 What is the ratio of hearts to diamonds. Write the ratio 3 ways. ♡ ♡ ◊ ◊ ♡ ◊ ◊ ◊	#3 What is 43% as a decimal and a fraction?	#4 Simplify the expression. $4m - 2m + 3$
#5 Simplify the expression. $5y + 6 - 2y$	#6 Simplify the expression. $4g + g - 3$	#7 Write an algebraic expression: **1.5 more than the product of g and h**	#8 Write an algebraic expression: **The product of 3 and b divided by 12**
#9 Evaluate the expression below when h=3. $4h + h^2$	#10 Evaluate the expression below when c=10. $$\frac{3c + c}{2c}$$	#11 Susannah went shopping and bought 3 pairs of jeans for $138. If each pair cost the same, how much does one pair cost?	#12 Write an expression to find the perimeter of a square with a side length of 3x units.
#13 Fill in the missing values in the table below: 	Apples	Grapes
---	---
2	12
6	
	60		#14 Simplify the expression. $9j - 4j + j$	#15 Use the Distributive Property to expand the algebraic expression. $3(3d + 2)$	#16 Use the Distributive Property to expand the algebraic expression. $5(4g - 9)$
#17 Use the Distributive Property to expand the algebraic expression. $2(3a - 4b)$	#18 Is $2g + 2d$ equivalent to $2(g + d)$? Why or why not?	#19 What is the LCM of 24 and 54?	#20 Evaluate the expression. $10 - 2 + 2^2 + 5$

Name:_____   Date:_____

Due: _____

Show all of your work. You may use the back if you need more space.

Grade:

_____/20

#1 Plot the following points: **A (2,3)** and **B (0,5),**	#2 What is the ratio of hearts to diamonds. Write the ratio 3 ways. ♡ ♡ ◇ ◇ ♡	#3 What is 0.78 as a percent?	#4 Simplify the expression. $10c - 4c + 9$
#5 Is x=6 a solution for the equation below? $x + 3 = 9$	#6 Is w=12 a solution for the equation below? $10 = w - 2$	#7 Write an algebraic expression: **x squared less than 15**	#8 Write an algebraic expression: **30 more than the quotient of b and c**
#9 Solve the equation below. Show all of your work. $h + 4 = 17$	#10 Solve the equation below. Show all of your work. $x - 5 = 18$	#11 Solve the equation below. Show all of your work. $254 = d - 27$	#12 2.4 is 5% of what number?
#13 What is 60% of 25?	#14 Simplify the expression. $19x + 13x - 2x$	#15 Use the Distributive Property to expand the algebraic expression. $5(2r + 2s)$	#16 Use the Distributive Property to expand the algebraic expression. $15(0.5g + 1.2s)$
#17 Evaluate the expression. $15 \div 3 \times 2^4$	#18 Blake scored 182 points in 14 games. Find the unit rate.	#19 What is the prime factorization of 225?	#20 Solve the equation below. Show all of your work. $78 = 19 + w$

Name:_____   Date:_____

>>>Spiral Math Work<<<

Due: _____

Show all of your work. You may use the back if you need more space.

#1 Plot the following points: **A (1,9)** and **B (6,8),** 	#2 What is the GCF of 250 and 300?	#3 What is 64% of 340?	#4 Simplify the expression. $13x + 4x - 5x + 3 + 4$
#5 Is x=18 a solution for the equation below? $4x = 72$	#6 Is w=6 a solution for the equation below? $\frac{w}{2} = 12$	#7 Write an algebraic expression: **p split into 6 equal groups**	#8 Write an algebraic expression: **½ the quantity of x plus y**
#9 Solve the equation below. Show all of your work. $h + 6 = 29$	#10 Solve the equation below. Show all of your work. $x - 45 = 23$	#11 Solve the equation below. Show all of your work. $3g = 99$	#12 Solve the equation below. Show all of your work. $18k = 9$
#13 Solve the equation below. Show all of your work. $\frac{v}{13} = 12$	#14 Solve the equation below. Show all of your work. $20 = m \div 4$	#15 Use the Distributive Property to expand the algebraic expression. $14(g + 2h)$	#16 There are 3,000 jelly beans in the jar. 12% of the jelly beans are red. How many red jelly beans are there?
#17 Evaluate the expression. Simplify your answer. $\left(\frac{2}{6}\right)^2$	#18 The ratio of soccer balls to baseballs is 12 to 15. If there are 36 soccer balls, how many baseball are there?	#19 Find the value of one unit of the bar model. **10**	#20 Find the unknown value in the pair of equivalent fractions. $\frac{8}{?} = \frac{24}{27}$
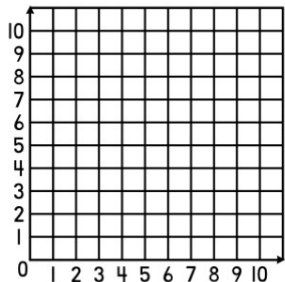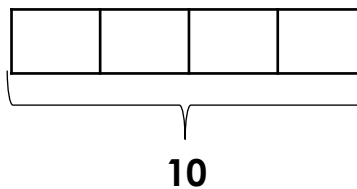
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Name:_____ Date:_____

>>>Spiral Math Work<<<

Due: _____
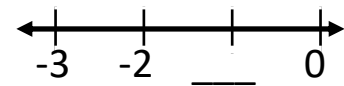*Show all of your work. You may use the back if you need more space.*

#1 What is the perimeter of a square with a side length of $x + 2$?	#2 Determine if (3,4) is a solution to the equation $y = x + 1$	#3 Evaluate the expression below when f=2. $5f - f^2$	#4 Evaluate the expression below when b=10. $\dfrac{b^3}{5b}$
#5 Solve the equation below. Show all of your work. $\dfrac{k}{5} = 22$	#6 Solve the equation below. Show all of your work. $60 = r \div 9$	#7 What is 51% as a decimal?	#8 What is 75% of 45?
#9 Solve the equation below. Show all of your work. $p - 6 = 32$	#10 Solve the equation below. Show all of your work. $9g = 117$	#11 Is (5,2) a solution for the equation below? Why or why not? $y = 2x + 1$	#12 Write an inequality for the situation below: **Bring at least $5 for lunch tomorrow.**
#13 Write an inequality for the situation below: **You will have no more than 45 minute of homework.**	#14 Write an inequality for the situation below: **There are less than 16 students at music lessons.**	#15 Use the Distributive Property to expand the algebraic expression. $15(a - 3b)$	#16 Fill in the missing term in the pair of equivalent ratios. **6:15 = _____:45**
#17 Evaluate the expression. Simplify your answer. $\left(\dfrac{3}{4}\right)^3$	#18 Find the unit rate of the situation below: **You pay $8.55 for 15 muffins.**	#19 Write 8^4 in expanded form.	#20 Change the mixed number to an improper froction. $3\dfrac{1}{5}$

Name:_____ Date:_____
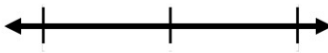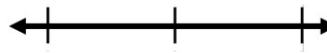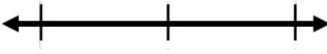
>>>Spiral Math Work<<<

Grade:
_____/20

#1 Write an algebraic expression: **4 times the quantity of x plus 9**	#2 Determine if (1,9) is a solution to the equation $y = 10 - x$	#3 Evaluate the expression below when f=5. $3f - 2f$	#4 What is the absolute value of -229?
#5 Solve the equation below. Show all of your work. $p \div 8 = 1.2$	#6 Solve the equation below. Show all of your work. $5 = p \div 8$	#7 Graph the inequality. $d \leq 2$	#8 Graph the inequality. $y \geq -1$
#9 Graph the inequality. $r > -3$	#10 Solve the equation below. Show all of your work. $5g = 135$	#11 Compare the numbers below using <, > or = $\|-3.4\|$ ___ $\|-5.55\|$	#12 Write an inequality for the situation below: **A number is less than 15**
#13 Write an inequality for the situation below: **You must be at least 50 inches to ride the rollercoaster**	#14 Solve the inequality. $g + 2 < 12$	#15 Solve the inequality. $p - 3 > 13$	#16 Solve the inequality. $5r \geq 15$
#17 Evaluate the expression. Simplify your answer. $\left(\frac{1}{5}\right)^3$	#18 Find the unit rate of the situation below: **You pay $29.90 for 10 gallons of gas**	#19 What is the sum of 5.66 and 0.91?	#20 Order the numbers from least to greatest. **-56, -34, -57, -98**

Name:_____ Date:_____

>>>Spiral Math Work<<<

Due: _____
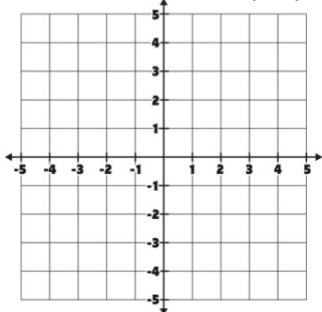*Show all of your work. You may use the back if you need more space.*

#1 Label the quadrants:	#2 Determine if (0,4) is a solution to the equation $y = 4x$	#3 Simplify the expression. $5n + 2n - 5$	#4 What is the absolute value of -403?

#5 Solve the equation below. Show all of your work. $p - 9 = 13.52$	#6 Solve the equation below. Show all of your work. $17 = j \div 3$	#7 Graph the inequality. $d > -2$	#8 Graph the inequality. $y \geq -10$

#9 Graph the inequality. $k \leq -3$	#10 Solve the equation below. Show all of your work. $3g = 141$	#11 Compare the numbers below using <, > or = $\|-32\|$ ___ $\|42\|$	#12 Write an inequality for the situation below: **A number is more than -5**

#13 Solve the inequality. $2r \geq 42$	#14 Solve the inequality. $w - 5 < 22$	#15 Graph the point (-5,3)	#16 Graph the point (-2,-1)

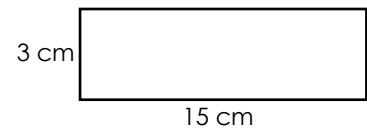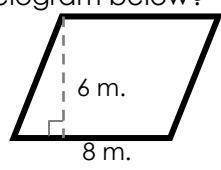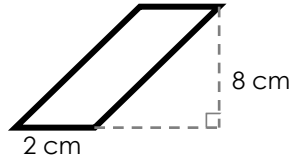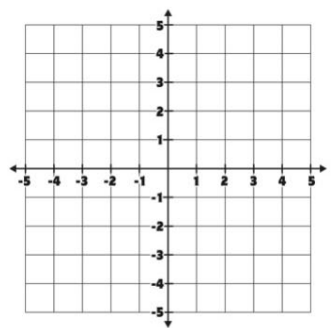| #17 Graph the point (1,-3)	#18 Graph the point (0,-4)	#19 What is the product of 2.3 and 4?	#20 Order the numbers from least to greatest. **-103, -100, -101, -102**

Name:_____   Date:_____

>>>Spiral Math Work<<<

Due: _____

Show all of your work. You may use the back if you need more space.

Grade:
_____/20

#1 Fill in the missing values in the table below:

Blue	3	
Green	7	21

#2 Determine if (5,0) is a solution to the equation $y = 5x$

#3 Simplify the expression.
$$9 + 3w + 2w$$
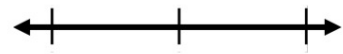
#4 Fill in the missing number on the number line.

-3   -2   ___   0
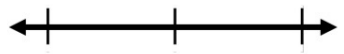
#5 Solve the equation below. Show all of your work.
$$b + 14 = 16$$

#6 Solve the equation below. Show all of your work.
$$20 = m \div 5$$
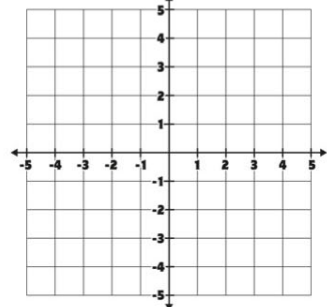
#7 Graph the inequality.
$$d < -6$$

#8 Graph the inequality.
$$y \leq 0$$

#9 Graph the point (4,-3)

#10 Solve the equation below. Show all of your work.
$$7n = 17.5$$
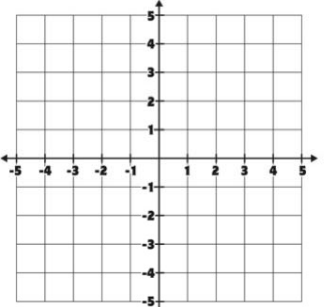
#11 Compare the numbers below using <, > or =
$$|-35.9| \ \_\_\_ \ |-32.01|$$

#12 Write an inequality for the situation below:
A number is no more than -4
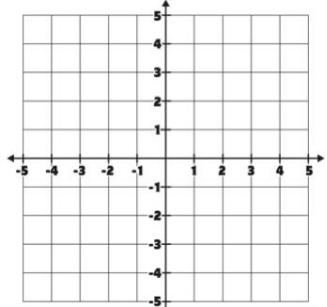
#13 Solve the inequality.
$$4b \geq 48$$

#14 Solve the inequality.
$$h + 19 \leq 23$$
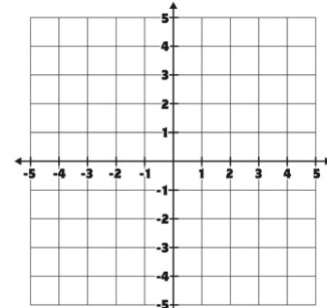
#15 Graph the point (-1,0)

#16 Graph the point (5,-2)
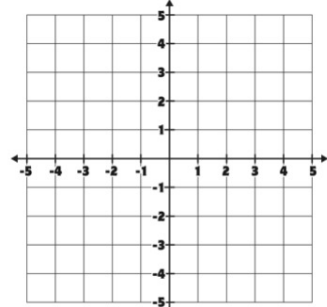
#17 Graph the point (0,-4)

#18 What is 8.6 less than 12.05?

#19 Plot the following points. Then, connect the points and name the polygon.
A (2,1)
B (-2,1)
C (-2,-1)
D (2,-1)

Name:_____   Date:_____

>>>Spiral Math Work<<<

Due: _____
Show all of your work. You may use the back if you need more space.

#1 Fill in the missing values in the table below:	#2 Write an algebraic expression: **The sum of 4 squared and a number t**	#3 Simplify the expression. $k + 4k - 5$	#4 Fill in the missing number on the number line.
Feet: 2, 6 / Inches: 24, ___			-2 ½ -2 ___ -1
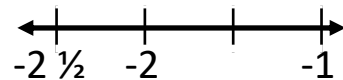
| #5 Solve the equation below. Show all of your work.
$35.4 = w - 10.2$ | #6 Solve the equation below. Show all of your work.
$40 = b \div \frac{1}{2}$ | #7 Graph the inequality.
$p < -2$ | #8 Graph the inequality.
$y \leq 0.5$ |

| #9 Graph the point (0,4) | #10 Find the distance between the two points:
A (3, 4)
B (3, 9) | #11 Find the distance between the two points:
C (9, 6)
D (1, 6) | #12 Find the distance between the two points:
E (0,-4)
F (0,5) |

| #13 Solve the inequality.
$6b < 24$ | #14 Solve the inequality.
$s - 3 \leq 13$ | #15 Graph the point (0,-2) | #16 What integer represents withdrawing $60 from your bank account? |

| #17 Compare the numbers below using <, > or =
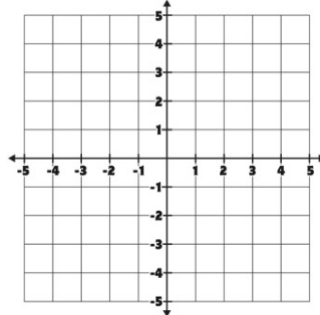
-5.6 ___ -6 | #18 The ratio of students to teachers on a field trip is 15 to 1. If 19 teachers are on the field trip, how many students are there? | #19 Plot the following points. Then, connect the points and name the polygon.
A (-4,2)
B (-1,-3)
C (2,2) | |

Name:_____ Date:_____
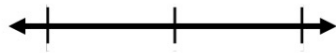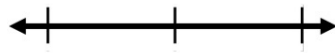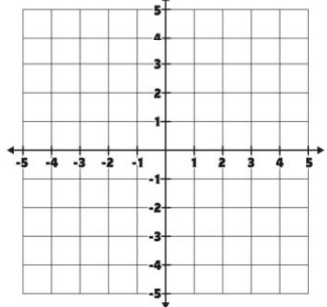
>>>Spiral Math Work<<<

Due: _____

Show all of your work. You may use the back if you need more space.

#1 Find the unknown value in the pair of equivalent fractions. $\frac{16}{?} = \frac{8}{20}$	**#2** Write an algebraic expression: **Marli's brother is x years older than her. Marli is 12.**	**#3** Use the Distributive Property to expand the algebraic expression. $2(4f - 3g)$	**#4** Decide which is the better buy: **$12.50 for 10 tacos** **$6.15 for 5 tacos**
#5 Solve the equation below. Show all of your work. $\frac{4}{5} = \frac{1}{4}g$	**#6** What is the quotient of 18 and 1,008?	**#7** Graph the inequality. $p \geq -9$ ⟵——+——+——+——⟶	**#8** Graph the inequality. $y > 0$ ⟵——+——+——+——⟶
#9 Graph the point (0,5) 	**#10** Find the distance between the two points: **A (20,19)** **B (20,16)**	**#11** Find the distance between the two points: **C (-4, -6)** **D (1, -6)**	**#12** Find the area of the rectangle below: 3 cm [rectangle] 15 cm
#13 Solve the inequality. $\frac{r}{5} < 9$	**#14** What is the area of the parallelogram below? 6 m. 8 m.	**#15** What is the area of a parallelogram with a base of 5.4 cm and a height of 6 cm?	**#16** What is the area of a square with a side length of 15 cm?
#17 What is the area of the parallelogram below? 8 cm 2 cm	**#18** There are 300 students in the grade. 95% of the students are going on the field trip. How many students are not going?	**#19** Plot the following points. Then, connect the points and find the area of the polygon. **A (1,1)** **B (-1,1)** **C (-1,-1)** **D(1,-1)**	

Name:_____ Date:_____
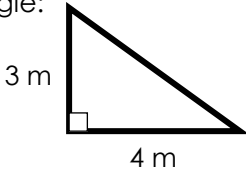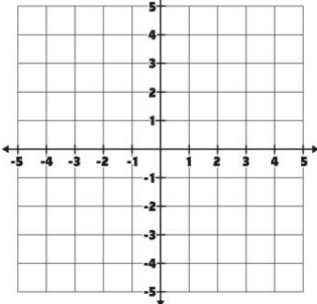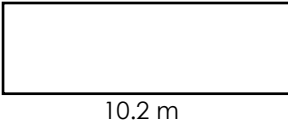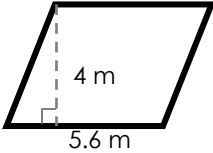
>>>Spiral Math Work<<<

Due: _____
Show all of your work. You may use the back if you need more space.

#1 Find the unknown value in the pair of equivalent fractions. $$\frac{15}{?} = \frac{5}{9}$$	#2 Write an algebraic expression: **The product of a and b increased by 17**	#3 Use the Distributive Property to expand the algebraic expression. $$9(2a - 4c)$$	#4 Solve the inequality. $$\frac{r}{6} > 10$$
#5 Solve the equation below. Show all of your work. $$14 + k = 22$$	#6 What is the product of 4.56 and 23?	#7 Graph the inequality. $$h \geq -14$$	#8 Find the area of the triangle: 3 m 4 m
#9 Graph the point (-5,-5)	#10 Find the distance between the two points: **A (2,15)** **B (14,15)**	#11 What is the area of a triangle with a base of 13 inches and a height of 10 inches?	#12 Find the area of the rectangle below: 2.2 m 10.2 m
#13 24 is 10% of what number?	#14 What is the area of the parallelogram below? 4 m 5.6 m	#15 What is the area of a triangle with a base of 4 inches and a height of 3½ inches?	#16 What is the area of a triangle with a base of 4.5 mm and a height of 3.2 mm?
#17 What is 15% of 45?	#18 What integer represents a fish that is 42 feet below sea level?	#19 Evaluate the expression below. $$5^3 - 25 + 45$$	#20 What is the product of $\frac{1}{2}$ and $2\frac{1}{9}$?

Name:_____   Date:_____
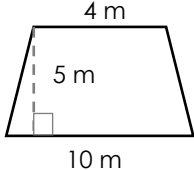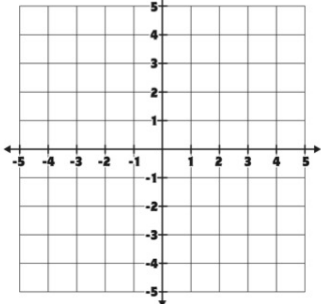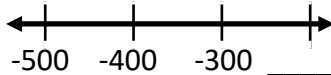
Due: _____

Show all of your work. You may use the back if you need more space.

Grade:

_____/20

#1 What is 12% as a fraction in simplest form?	#2 What is the GCF of 75 and 100?	#3 What is the prime factorization of 160?	#4 Solve the inequality. $$p - 2 \leq 14$$
#5 Solve the equation below. Show all of your work. $$45 = 9y$$	#6 Find the area of the trapezoid. 4 m / 5 m / 10 m	#7 What is the area of the trapezoid with the following dimensions: **b_1= 4 in, b_2= 6 in, h= 9 in**	#8 Find the area of a triangle with a base of 45 cm and a height of 12 cm.
#9 Graph the point (4,-3)	#10 Find the distance between the two points: **A (-6,0)** **B (-6,13)**	#11 Keira has $3\frac{1}{8}$ pizzas. She splits it equally between her 5 friends. What fraction of the original pizzas does each friend have?	#12 What is the absolute value of -6.7?
#13 What is 0.59 as a percent?	#14 What is the area of a parallelogram with a base of 5 mm and a height of 9 mm?	#15 What is the area of a triangle with a base of 5 inches and a height of 9 inches?	#16 Evaluate the expression below. $$(8 + 16) - 10 + 14$$
#17 Evaluate the expression below when g=45. $$3g + 2$$	#18 Fill in the missing values in the table below.	#19 What is the LCM of 80 and 50?	#20 Fill in the missing numbers on the number line?

#18 table:

Fish	Snails
7	15
	45
70	
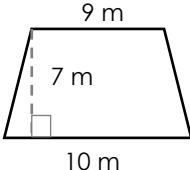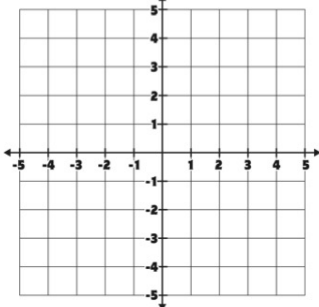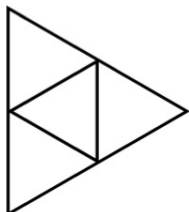
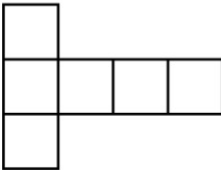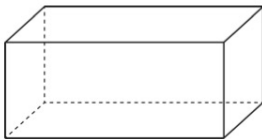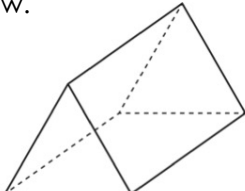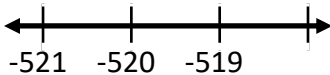#20 number line: -500   -400   -300   ____

Name:_____   Date:_____

>>>Spiral Math Work<<<

Due: _____
Show all of your work. You may use the back if you need more space.

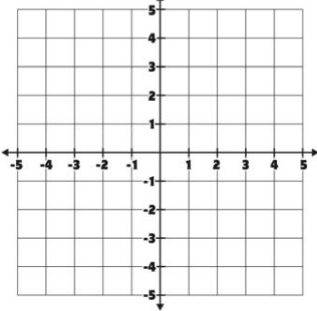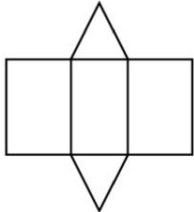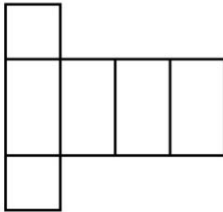|			
#1 What is 36% as a fraction in simplest form?	#2 What is 4.9 less than 13.67?	#3 What is the prime factorization of 240?	#4 Graph the inequality. $n > -18$
#5 Solve the equation below. Show all of your work. $15 = \frac{w}{14}$	#6 Find the area of the trapezoid. 9 m 7 m 10 m	#7 What is the area of the trapezoid with the following dimensions: **b_1= 6 in, b_2= 13 in, h= 4 in**	#8 Find the area of a triangle with a base of 16 cm and a height of 17.5 cm.
#9 Graph the point (4,0)	#10 Identify the net of the figure below.	#11 Identify the net of the figure below.	#12 Name the figure below.
#13 Find the volume of a cube with a side length of 3 inches.	#14 Find the volume of a rectangular prism with a length of 5 m, a width of 7 m and a height of 8 m.	#15 Evaluate the expression below. $36 \div (3 + 9) \times 4$	#16 What is 4^5 in expanded form?
#17 Evaluate the expression below when g=60. $4 + 2g$	#18 Name the figure below.	#19 Write the ratio $\frac{25}{45}$ in simplest form.	#20 Fill in the missing numbers on the number line? -521 -520 -519 ____
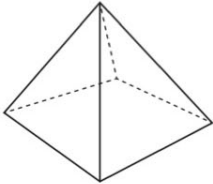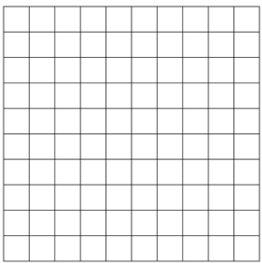
Name:_____   Date:_____

Due: _____
Show all of your work. You may use the back if you need more space.

Grade:
_____/20

#1 What is 75% of 45?	#2 What is the GCF of 54 and 60?	#3 What is the prime factorization of 300?	#4 Write an inequality for the situation below: **You can be no older than 15 to go to camp.**
#5 Solve the equation below. Show all of your work. $$60 = \frac{s}{4}$$	#6 55 is 40% of what number?	#7 What is the area of the trapezoid with the following dimensions: **b_1= 7 in, b_2= 15 in, h= 5 in**	#8 Find the area of a triangle with a base of 22 cm and a height of 35 cm.
#9 Graph the point (1,-4) 	#10 Identify the net of the figure below. 	#11 Identify the net of the figure below. 	#12 Name the figure below.
#13 Find the surface area of a rectangular prism with the following dimensions: **l = 4 m, w = 5 m, h = 6 m**	#14 Find the surface area of a rectangular prism with the following dimensions: **l = 2 m, w = 1 m, h = 8 m**	#15 Find the volume of a rectangular prism with a length of 4 m, a width of 5 m and a height of 6 m.	#16 Simplify the expression. $$15k - 2k + m$$
#17 Evaluate the expression below when x=6. $$\frac{4x}{2x}$$	#18 Shade in 14% of the square below: 	#19 What is the area of a parallelogram with a base of 5 inches and a height of 14 inches.	#20 Fill in the missing term in the pair of equivalent ratios. **6:8 = 24:_____**

Name:_____ Date:_____

Due: _____

Show all of your work. You may use the back if you need more space.

Grade:
_____/20

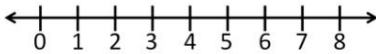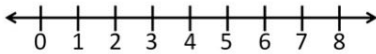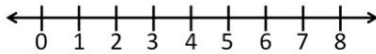|			
#1 What is the surface area of a cube with a side length of 6 mm?	#2 What integer describes a loss of 12 yards?	#3 Find the unit rate of the situation below: **Sarah spent $13 on 4 boxes of cereal**	#4 Write an inequality for the situation below: **There are at least 20 students in each class.**
#5 Solve the equation below. Show all of your work. $4x = 40$	#6 There are 24 students in class. 25% completed their homework early. How many students completed their homework early?	#7 What is the area of the trapezoid with the following dimensions: **b_1= 1 in, b_2= 2 in, h= 3 in**	#8 Find the area of a triangle with a base of 1.5 cm and a height of 3,5 cm.
#9 Find the distance between the two points: **A (1, 4)** **B (7, 4)**	#10 Sketch the net of a cube.	#11 Find the base of a parallelogram with a height of 5 cm and an area of 15 cm^2	#12 Find the surface area of a rectangular prism with the following dimensions: **l = 3 m, w = 9 m, h = 8 m**
#13 Find the surface area of a rectangular prism with the following dimensions: **l = 6 m, w = 12 m, h = 10 m**	#14 Find the volume of a rectangular prism with the following dimensions : **l = $\frac{1}{2}$ ft, w = 1 ft, h = $\frac{3}{4}$ ft**	#15 Find the volume of a rectangular prism with a length of 3.4 m, a width of 5.1 m and a height of 0.5 m.	#16 Simplify the expression. $9p + 3p + 4 + 9$
#17 Use the Distributive Property to expand the algebraic expression. $8(3a + 2a)$	#18 What is 67% as a decimal?	#19 **3² x 5²** is the prime factorization of what number?	#20 Fill in the missing term in the pair of equivalent ratios. **9:_____ = 54:36**

Name:_____   Date:_____

Due: _____
Show all of your work. You may use the back if you need more space.

Grade:
_____/20

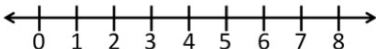| #1 Evaluate the expression below: $5 - 2 + 5^3$	#2 What integer describes an increase in sales of $50?	#3 Find the unit rate of the situation below: **Jason spent $150 on 6 sweatshirts.**	#4 Write an inequality for the situation below: **Bring at least $4 for lunch tomorrow.**
#5 Solve the equation below. Show all of your work. $9x = 990$	#6 What is 25% of 60?	#7 Order the numbers from least to greatest. **-10, -12, -9, -4**	#8 Compare the numbers below using <, > or = **|-111| ___ |-122|**
#9 Find the distance between the two points: **A (9, 0)** **B (4, 0)**	#10 What is the surface area of a cube with a side length of 9 cm?	#11 What is the area of a triangle with a base of 15mm and a height of 10mm?	#12 Find the surface area of a rectangular prism with the following dimensions: **l = 2 m, w = 5 m, h = 8 m**
#13 Sketch the net of a triangular prism.	#14 Find the volume of a rectangular prism with the following dimensions : **l = $\frac{2}{5}$ ft, w = 5 ft, h = $\frac{1}{6}$ ft**	#15 If the question below is asked to a group of 20 students, decide if its statistical or non-statistical: **What is your last name?**	#16 f the question below is asked to a group of 20 students, decide if its statistical or non-statistical: **What year was George Washington born?**
#17 Use the Distributive Property to expand the algebraic expression. $10(2b + 4c)$	#18 Create a dot plot with the data: **4, 4, 5, 1, 3, 4, 7**	#19 Create a dot plot with the data: **8, 1, 0, 8, 4, 8, 3, 3, 2, 1**	#20 Create a dot plot with the data: **5, 6, 6, 8, 1, 0, 3, 6, 5, 4**

Name:_____   Date:_____

>>>Spiral Math Work<<<

Due: _____
Show all of your work. You may use the back if you need more space.

#1 Evaluate the expression below: $10 \times 9 - 4^3$	#2 What is the absolute value of 17?	#3 What is the area of a square with a side length of $3\frac{1}{2}$ cm?	#4 Write an inequality for the situation below: **You must be more than 60 inches to ride the rollercoaster.**
#5 Solve the equation below. Show all of your work. $m + 25 = 34$	#6 What is 76% as a fraction in simplest form.	#7 Order the numbers from least to greatest. **-34, -45, -90, -30**	#8 Compare the numbers below using <, > or = **-124 ___ -121**
#9 Fill in the missing values in the table below. Fish | 5 | Snakes | 2 | 4	#10 What is the volume of a cube with a side length of ½ inches?	#11 What is the area of a triangle with a base of 5mm and a height of 30mm?	#12 Find the surface area of a rectangular prism with the following dimensions: **l = 15 m, w = 7 m, h = 12 m**
#13 Fill in the missing term in the pair of equivalent ratios. **1:4 = 12:_____**	#14 Richard got the following grades on his math quizzes: **65, 74, 80.** What is the mean?	#15 If the question below is asked to a group of 20 students, decide if its statistical or non-statistical: **How far is the earth from the moon?**	#16 f the question below is asked to a group of 20 students, decide if its statistical or non-statistical: **What is your favorite color?**
#17 Find the mean of the data set: **15, 16, 12, 12, 15, 16, 12**	#18 Find the mean of the data set: **2, 5, 2, 3, 2**	#19 Find the mean of the data set: **20, 40, 30, 50, 20, 50**	#20 Create a dot plot with the data: **2, 5, 8, 1, 0, 1, 0, 3, 1, 0** 0 1 2 3 4 5 6 7 8

Name:_____   Date:_____

>>>Spiral Math Work<<<

Due: _____
Show all of your work. You may use the back if you need more space.

#1 Evaluate the expression below: $2^4 \div 4 \times 13$	#2 What is the area of a parallelogram with a height of 7 cm and a width of 9 cm?	#3 Decide if the number is prime, composite or neither: **65**	#4 Write the ratio 24:48 in simplest form.
#5 Solve the equation below. Show all of your work. $m - 14 = 15$	#6 Simplify the expression. $19x - 15x + 12$	#7 What is 0.04 as a percent?	#8 Compare the numbers below using <, > or = **-34 ___ -31**
#9 Fill in the missing values in the table below. 	Yellow	32	
Blue	36	2		#10 If the question below is asked to a group of 20 students, decide if its statistical or non-statistical: **How old were you when you lost your first tooth?**	#11 Find the mode of the data set: **Yes, No, No, Yes, Maybe, Yes, No, Yes**	#12 Find the surface area of a rectangular prism with the following dimensions: **l = 3 m, w = 11 m, h = 2 m**
#13 Find the mode of the data set: **5, 6, 1, 0, 9, 1, 3, 4, 1, 4**	#14 Find the median of the data set: **15, 15, 19, 14, 20, 17, 3**	#15 Find the median of the data set: **204, 300, 123, 90, 252**	#16 Find the mean of the data set: **20, 24, 26, 30, 12**
#17 Find the unknown value in the pair of equivalent fractions. $\dfrac{16}{?} = \dfrac{32}{40}$	#18 Write an algebraic expression: **13 less than h**	#19 What is the volume of a cube with a side length of $\frac{2}{3}$ ft.	#20 Caroline got 23 out of 25 questions correct on her science quiz. What percent did she get correct?

Name:_____   Date:_____

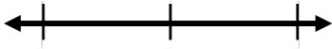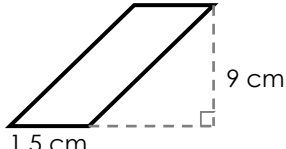# >>>Spiral Math Work<<<

Show all of your work. You may use the back if you need more space.

Grade:
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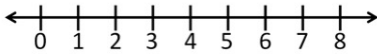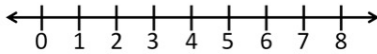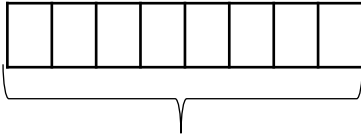|			
#1 Graph the inequality $g + 18 > 20$	#2 Determine if (0,3) is a solution to the equation $y = 3 - x$	#3 Evaluate the expression below when f=5. $2f^2$	#4 What is the absolute value of -98?
#5 Solve the equation below. Show all of your work. $15g = 75$	#6 Simplify the expression. $5h - 2h + 3h$	#7 What is the GCF of 72 and 120?	#8 What is the area of the trapezoid with the following dimensions: **b_1= 9 in, b_2= 14 in, h= 12 in**
#9 Find the median and mode of the data set: **16, 29, 35, 12, 16, 19, 29**	#10 If the question below is asked to a group of 20 students, decide if its statistical or non-statistical: **How tall are you?**	#11 Find the range of the data set: **25, 13, 14, 90, 8, 20**	#12 Find the surface area of a rectangular prism with the following dimensions: **l = 7 m, w = 4 m, h = 20 m**
#13 Find the range of the data set: **9, 1, 0, 4, 3, 2, 2, 10, 2**	#14 Find the median of the data set: **45, 43, 21, 60**	#15 Find the quartiles of the data set: **43, 45, 45, 46, 49, 52, 59**	#16 Find the IQR of the data set: **0, 1,1, 2, 5, 6, 8, 9, 10, 12**
#17 Find the unknown value in the pair of equivalent fractions. $\frac{4}{5} = \frac{52}{?}$	#18 Write an algebraic expression: **The product of 4 and h increased by 7**	#19 What is the area of a triangle with a base of 5.4 cm and a height of 6 cm?	#20 What is the area of the parallelogram below? 9 cm 1.5 cm

Name:_____   Date:_____

>>>Spiral Math Work<<<

Due: _____

Show all of your work. You may use the back if you need more space.

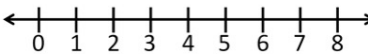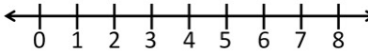|			
#1 Graph the inequality $5t < 25$ (number line)	#2 Compare the numbers below using <, > or = **42 ___ |-32|**	#3 Evaluate the expression below when g=4. $4g^3$	#4 What is the GCF of 42 and 48?
#5 Find the median and mode of the data set: **40, 50, 20, 20, 10, 20, 20**	#6 Simplify the expression. $4(2g + 2) + g$	#7 Find the range of the data set: **34, 16, 22, 3, 10, 20**	#8 What is the volume of a cube with a side length of $\frac{3}{4}$ inches?
#9 Find the mean and mode of the data set: **45, 60, 25, 35, 55**	#10 Find the IQR of the data set: **18, 20, 45, 45, 15, 90, 50, 50, 50**	#11 Find the range of the data set: **25, 13, 14, 90, 8, 20**	#12 What is the LCM of 45 and 30?
#13 Find the Mean Absolute Deviation of the data set: **2, 4, 4, 5, 6**	#14 Find the Mean Absolute Deviation of the data set: **1, 2, 2, 5**	#15 Create a box and whisker plot with the data set below: **0, 0, 1, 2, 3, 4, 5** (number line 0–8)	#16 Create a box and whisker plot with the data set below: **0, 1, 1, 1, 2, 3, 8** (number line 0–8)
#17 Find the unknown value in the pair of equivalent fractions. $\frac{1}{3} = \frac{27}{?}$	#18 Write the fraction as a decimal: $\frac{5}{20}$	#19 Find the value of one unit of the bar model. (bar model) **17.6**	#20 What integer describes a profit of $65?

Name:_____   Date:_____

>>>Spiral Math Work<<<

Due: _____

Show all of your work. You may use the back if you need more space.

#1 Is w=9 a solution for the equation below? $9w = 18$	#2 Compare the numbers below using <, > or = **-45____ -43**	#3 Solve the inequality. $h - 9 \leq 3$	#4 What is 14% as a fraction in simplest form?
#5 Find the median and mode of the data set: **-3, -2, -1, -7, -3**	#6 Simplify the expression. $5t + 6t - 3t$	#7 Find the range of the data set: **45, 60, 12, 15, 22**	#8 What is the area of a triangle with a base of 15m and a height of 25m?
#9 Find the mean and mode of the data set: **12, 14, 16, 18, 20**	#10 Write the fraction as a percentage: $\frac{3}{50}$	#11 Find the distance between the two points: **A (12,13)** **B (13,13)**	#12 Fill in the missing term in the pair of equivalent ratios. **7:10 = _____:40**
#13 Find the Mean Absolute Deviation of the data set: **0, 2, 4, 5**	#14 If the question below is asked to a group of 20 students, decide if its statistical or non-statistical: **What is your favorite song?**	#15 Create a box and whisker plot with the data set below: **0, 1, 2, 3, 4, 5, 8** 0 1 2 3 4 5 6 7 8	#16 Create a box and whisker plot with the data set below: **3, 3, 3, 4, 5, 6, 6, 7** 0 1 2 3 4 5 6 7 8
#17 Find the unknown value in the pair of equivalent fractions. $\frac{2}{3} = \frac{22}{?}$	#18 Find the surface area of a rectangular prism with the following dimensions: **l = 5 m, w = 1.5 m, h = 9 m**	#19 Find the value of one unit of the bar model. **108**	#20 What integer describes a loss if 6 yards?

Name:_____   Date:_____

Due: _____
Show all of your work. You may use the back if you need more space.

Grade:
_____/20

#1 Fill in the missing values in the table below:

Red	45	
White	65	13

#2 Determine if (1,0) is a solution to the equation $y = 1 + x$

#3 Simplify the expression.
$$15 + 4g + 3g$$

#4 Fill in the missing number on the number line.

-¾   -½   ___   0
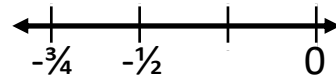
#5 Solve the equation below. Show all of your work.
$$b - 15 = 34$$

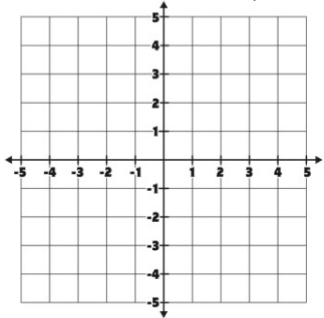**#6 Solve the equation below. Show all of your work.**
$$2 = n \div 19$$

#7 Graph the inequality.
$$d > -½$$

#8 Graph the inequality.
$$g \leq -8$$

#9 Graph the point (-1.5,3)

#10 Solve the equation below. Show all of your work.
$$17n = 17$$

#11 Compare the numbers below using <, > or =
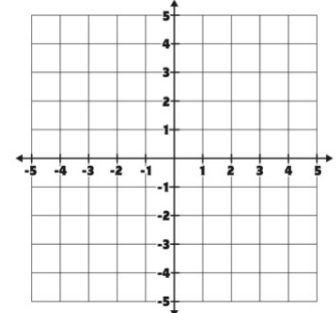$$|\text{-45.5}| \ \_\_\_ \ |45|$$

#12 Write an inequality for the situation below:
You must bring at least 2 pencils to math class.

#13 Solve the inequality.
$$5g \geq 45$$

#14 What is the ratio of hearts to diamonds. Write the ratio 3 ways.

♡ ♡ ◇ ◇ ♡ ◇
◇

#15 Find the mode of the data set:
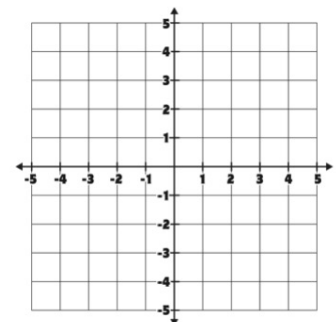**blue, green, red, red, green, red, blue, red**

#16 Graph the point (-1.5,0)

#17 What is the sum of 4.56 and 13?

#18 There are 12 boys who make the volleyball team. 25% of the boys who tried out made the team. How many boys tried out for the team?

#19 Plot the following points. Then, connect the points and name the polygon.
A (4, 5)
B (-2, 5)
C (-2,-3)
D (4,-3)

Name:_____ Date:_____

Due: _____
Show all of your work. You may use the back if you need more space.

Grade:

_____/20

#1 Solve the equation below. Show all of your work. $2.5x = 9$	#2 Draw and label tape diagrams for the situation described: **A recipe calls for 3 cups of sugar for every 5 cups of flour.**	#3 Elise makes $7.75 an hour babysitting. If she babysits for 6 hours, how much does she make?	#4 Fill in the missing value in the table below:

Books	4	24
Folders	9	

#5 Change the improper fraction to a mixed number. $\frac{14}{7}$	#6 Evaluate the expression. Simplify your answer. $\frac{5}{8} \times \frac{2}{5} \div \frac{1}{5}$	#7 Fill in the missing values in the table below:	#8 You spend $45 on 9 books. Find the unit cost.

Water	Mix
6	2
	12
66	

#9 What is the median of the data set below? **5, 14, 15, 12, 29, 4, 16**	#10 Evaluate the expression below. $4^3 - 2^4 + 3^3$	#11 Solve the inequality. $14g \geq 119$	#12 Evaluate the expression below. Simplify your answer. $\frac{3}{9} \div 2\frac{1}{2}$

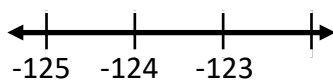|			
#13 Write the fraction as a percent: $\frac{2}{25}$	#14 Fill in the missing term in the pair of equivalent ratios. **5:6 = 35 :_____**	#15 What is the product of 15.4 and 5.2?	#16 What is the area of a parallelogram with a base of 2.4 cm and a height of 3 cm?

#17 Fill in the missing number on the number line. -125 -124 -123 ____	#18 Find the unknown value in the pair of equivalent fractions. $\frac{2}{7} = \frac{18}{?}$	#19 **2^3 x 5^2** is the prime factorization of what number?	#20 What is the volume of a cube with a side length of $\frac{5}{6}$ inches?