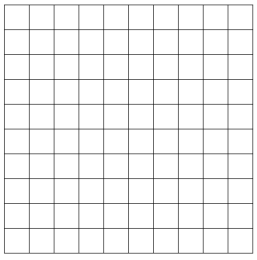
Name:_____ Date:_____

>>>Spiral Math Work<<<

Due: _____

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

Grade: _____/20

MONDAY	#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. $\frac{3}{4}$
TUESDAY	#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.
WEDNESDAY	#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?
THURSDAY	#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. $4^3 \times 3^4$
FRIDAY	#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?

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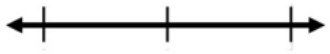
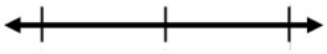
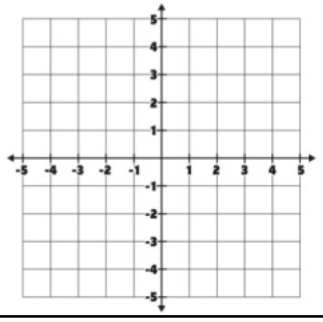
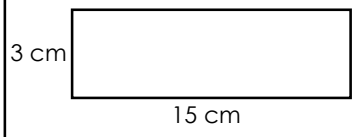
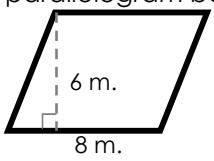
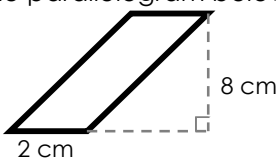
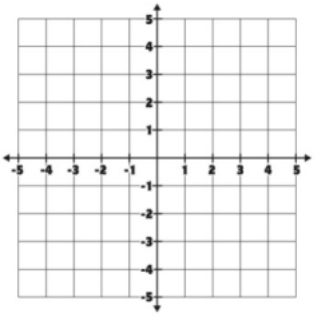
Grade: _____/20

MONDAY	#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**
TUESDAY	#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. $\boldsymbol{p \geq -9}$ 	#8 Graph the inequality. $\boldsymbol{y > 0}$ 
WEDNESDAY	#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: 
THURSDAY	#13 Solve the inequality. $\frac{r}{5} < 9$	#14 What is the area of the parallelogram below? 	#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?
FRIDAY	#17 What is the area of the parallelogram below? 	#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)**	

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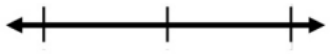
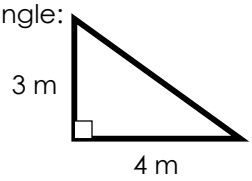
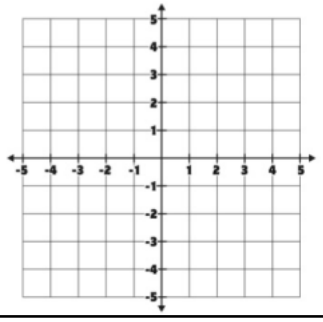
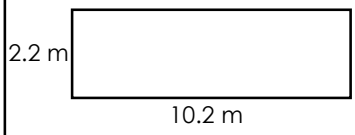
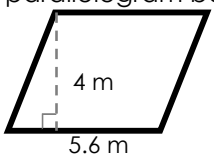
Grade: _____/20

MONDAY	#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. $\frac{r}{6} > 10$
TUESDAY	#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. $\boldsymbol{h \geq -14}$ 	#8 Find the area of the triangle: 
WEDNESDAY	#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: 
THURSDAY	#13 24 is 10% of what number?	#14 What is the area of the parallelogram below? 	#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?
FRIDAY	#17 What is 15% of 45?	#18 What integer represents a fish that is 42 feet below sea level?	#19 Evaluate the expression below. $\boldsymbol{5^3 - 25 + 45}$	#20 What is the product of $\frac{1}{2}$ and $2\frac{1}{9}$?

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