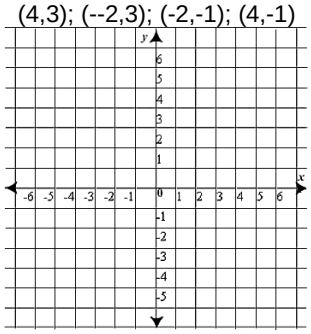
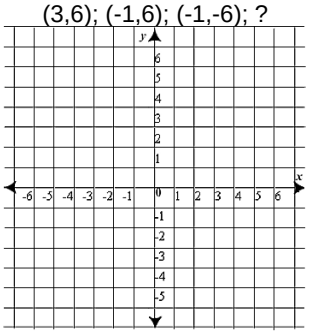
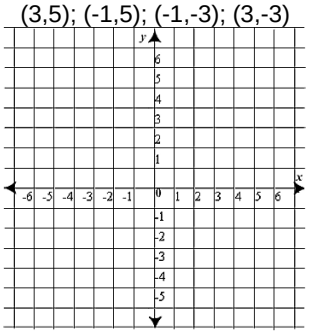
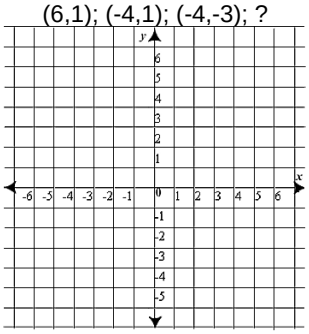
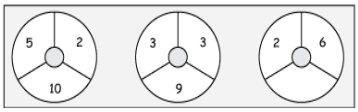
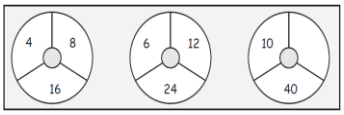
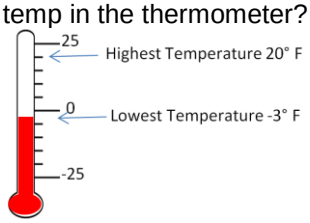
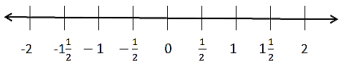
Name: ADVANCED DMR - Q1:1

Monday	Tuesday	Wednesday	Thursday
Use Order of Operations to simplify. $8 + 7(4^2 - 3)$	Use Order of Operations to simplify. $2^3 - (30 \div 5) + 9$	Use Order of Operations to simplify. $(5+22) \times (35-27) + 6^2$	Use Order of Operations to simplify. $7^2 + 3[81 - (4 \times 6)]$
Plot the following points and find the area of the figure. (4,3); (--2,3); (-2,-1); (4,-1) 	Plot the following points to create a rectangle. Find the missing vertex. (3,6); (-1,6); (-1,-6); ? 	Plot the following points and find the area of the figure. (3,5); (-1,5); (-1,-3); (3,-3) 	Plot the following points to create a rectangle. Find the missing vertex. (6,1); (-4,1); (-4,-3); ? 
You drive your car for 3 hours at an average speed of 130 km per hour. How far did you go?	You fly in a helicopter for 20 minutes that goes at a speed of 240 km per hour. How far did you go?	What number goes in the missing space? 	What number goes in the missing space? 
What is the difference between the high and low temp in the thermometer? 	Bob is training for a race. Bob ran 14.6 miles away from his home. Then, Bob ran 9.8 miles towards his home. Finally, Bob ran 5.3 miles away from his home. How far is Bob from his home?	Use the diagram below to find the solution to $-\frac{1}{2} + 2 =$. 	Jon borrows \$6.50 from his friends to pay for snacks, and \$11.75 from his sister to go to the movies. How much money does he need to repay?
Simplify: $-\frac{2}{5} + \frac{4}{3} =$	Simplify: $(6.89 + 14.52) + (-14.52) =$	Simplify: $4\left(\frac{1}{2} + \frac{5}{4}\right) + -5 =$	Simplify: $1.7 + (-5) + (-3.27) =$

Friday!

A group of 3 seniors, 3 adults, and 3 children bought tickets to the aquarium.

Type of Ticket	Cost ($)
Adult	18.95
Senior	14.95
Child	9.95

Fill in the boxes to model the total amount spent with an expression.

[ ] × ([ ] + [ ] + [ ])

How much did the group spend on tickets altogether? How does applying the Distributive Property make it easier to find this amount?

MP Reason Abstractly Write an expression that when using the Distributive Property can be simplified to $12a + 18b - 6c$.

MP Persevere with Problems Is $3 + (x \cdot y) = (3 + x) \cdot (3 + y)$ a true statement? If so, explain your reasoning. If not, give a counterexample.

<u>Daily Math review Expectations</u>

1. Complete all problems each day.
2. Do your original work using a pencil at the beginning of class.
3. Make corrections using a pen, colored pencil, or marker during our whole class discussion.
4. If you are absent, you are still responsible for completing all of the problems.
5. Turn this in each Friday for a grade out of 23 points for accuracy.

Grade:_____/23