Dec 2-6, 2019 Agenda   Name_____ Hour_____
Monday, December 2
Warm-up: Simplify each of the following:

        11t - 5,   if t = 4   18 + 5p, if p = 12   14t - 21 + 3t, if t = 2

In Class: Combining Like Terms Y15- Y17
Homework: 14 - X + 21 + 5X,   if X=8   26 - 2X,   if X =13

Tuesday, December 3
Warm-up: **pg 91 A/1 & 2** Open your book to page 90 and look at the "Ladder". Then, draw the ladder on the graph paper below using a new color for each level.

Look at the ladder of squares.   What numbers would go into the second row of this table?

# squares	1	2	3	4	5	10	20
# of pieces	4						

Write an equation that shows how to find the number of pieces **P** needed to make a ladder of **n** squares.

In Class: Lesson 4.3 / AB1-2
Homework:

 Look at the table comparing the shape number to the number of toothpicks. Complete the table. Write an equation that shows how to find the number of toothpicks needed for shape number **n**

Shape 1   Shape 2   Shape 3   Shape 4
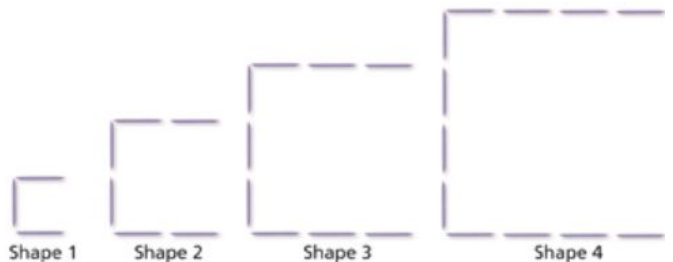
Shape #	4	5	6	7	8	10	20
# of toothpicks	12						

Equation:

Wednesday, December 4

Warm-up: Here is an example of a Fact Family   2x5=10   5x2=10   10 / 5 = 2   10 / 2 = 5

Complete the fact families for the following...

42 = 7 X 6   42=7n   4200=35n

In Class: Lesson 4.4 page 97/AB   Calculators permitted
Homework: Write the complete fact family for 550 = 5n, then solve for n.

Thursday, December 5

Warm-up: Calculator Day   Ocean Bike Tours wants to provide bandanas for each person. The cost of the bandanas is $95.50 for the design plus $1 per bandana.
- Write an equation to represent this relationship.
- Use the equation to find the cost for 50 bandanas.
- Use the equation to find the number of bandanas if the total cost is $116.50.

In Class: pg 97/d, pg 108 17, 18, pg 114/61-64
Homework:

Wild World is designing a giant swing using a structure. The designers are not sure how tall to make the swing. Here are some sketches of different swing designs.

What equation shows how to find the number Of cubes in the swing frame that is *n* cubes tall?

How many cubes needed if the frame is 1 cube tall?

7 Cubes Tall

6 Cubes Tall

4 Cubes Tall
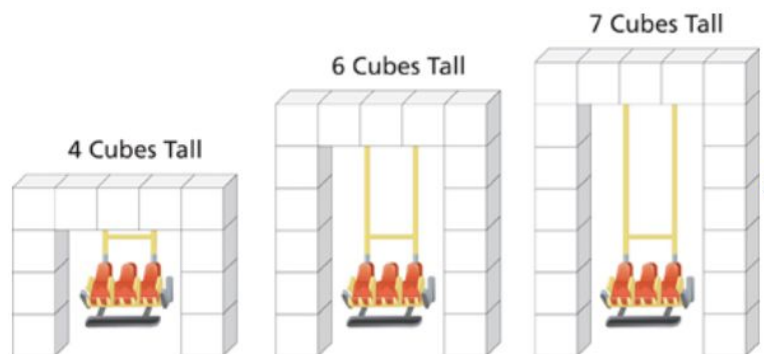
Height (Squares)	4	5	6	7	8	10	20
# cubes	11						

Friday, December 5

Warm-up: Solve for x. $\qquad$ $23 = x - 7$ $\qquad\qquad\qquad\qquad$ $x - 11 = 12$

In Class: Solving for the unknown.

$x \div 4 = 3$ $\qquad\qquad$ $X + 13.5 = 19$ $\qquad\qquad$ $8x - 11 = 37$ $\qquad\qquad$ $7y = 21$

$n \div 3 = 21$ $\qquad\qquad$ $x + 12.5 < 15$ $\qquad\qquad$ $23 > x - 5$ $\qquad\qquad$ $8x > 48$

You are given the equation $y = 24 + 3x$. Which points (60, 12) and (17, 75) lies on the graph of the equation?

IXL: Znew, new, 6,9, 10

Homework: Be A Kid! Enjoy time with family and friends.