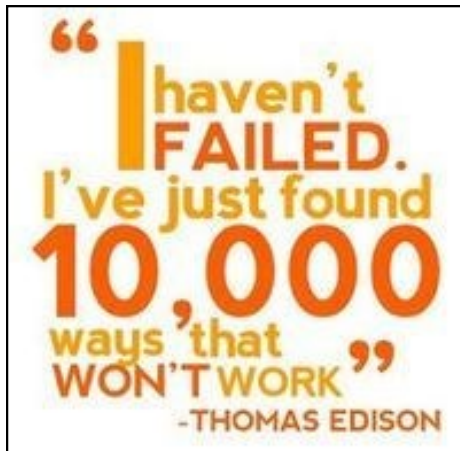


# Math 2 Block

## Unit 3

### Coordinate Methods



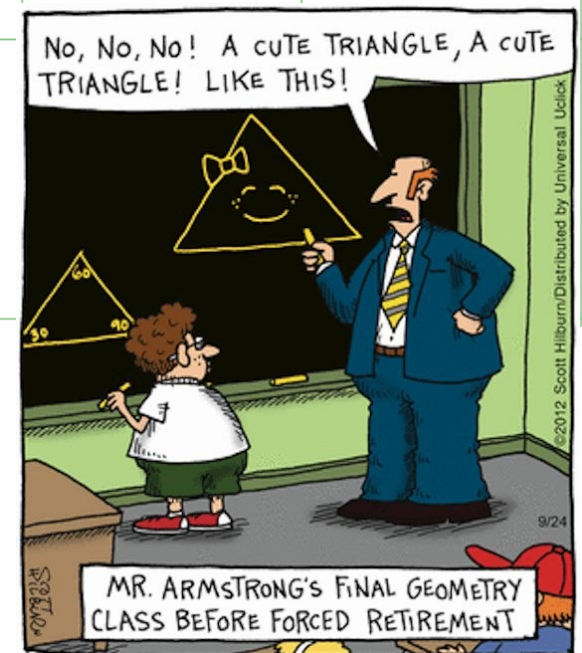
4 <b>Computer Lab</b> Distance Formula	5 Calculating Slope and its uses	6 Classifying Shapes Day 1	7 Classifying Shapes "Performance"	8 <b>NO SCHOOL</b> In-Service Day
11 <b>Computer Lab</b> More with Area & Perimeter	12 Circles	13 Review	14 <b>Unit 3 Test A</b>	15 <b>NO SCHOOL</b> In-Service Day
18 <b>NO SCHOOL</b> Presidents' Day	19 Coordinate Translations	20 Coordinate Reflections	21 Coordinate Rotations	22 Coordinate Dilations
25 <b>Computer Lab</b> Coordinate Composite transformations	26 Review	27 <b>Unit 3 Test B</b>		

Video: Distance, Midpoint & Slope

<http://bit.ly/2DF3d4Q>

Video: Translations, Reflections, Rotations

<http://bit.ly/2Gd84YJ>



Characteristics of Quadrilaterals

Parallelogram:

Rectangle:

Rhombus:

Square:

Trapezoid:

Kite:

<u>Slope Formula</u>		<u>Midpoint Formula</u>
<u>Parallel:</u>	<u>Perpendicular:</u>	<u>Distance Formula</u>

<b>Geometric Idea</b>	<b>Coordinate Model</b>
Translation	
Reflection across x-axis	
Reflection across y-axis	
Reflection across line $y = x$	
Reflection across line $y = -x$	
90° counterclockwise rotation	
180° rotation	
270° counterclockwise rotation	

Characteristics of Triangles

Right

Isosceles

Equilateral

Scalene

