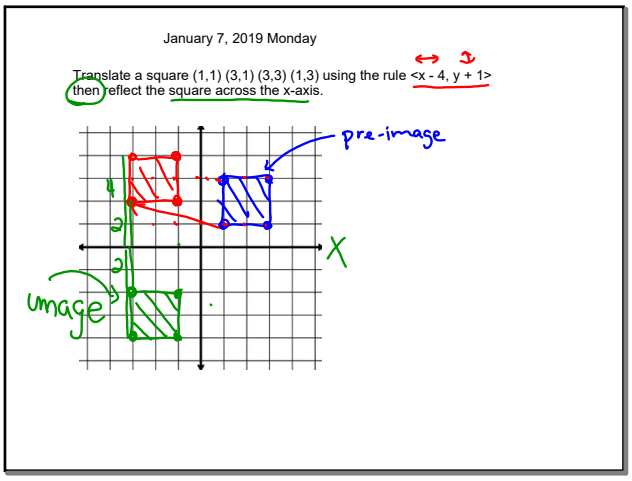
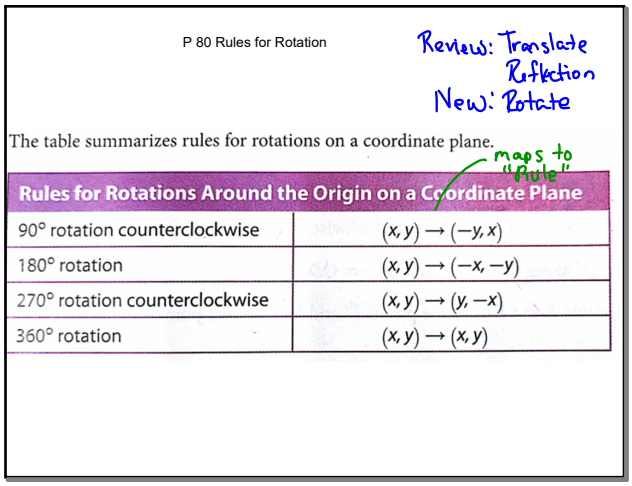
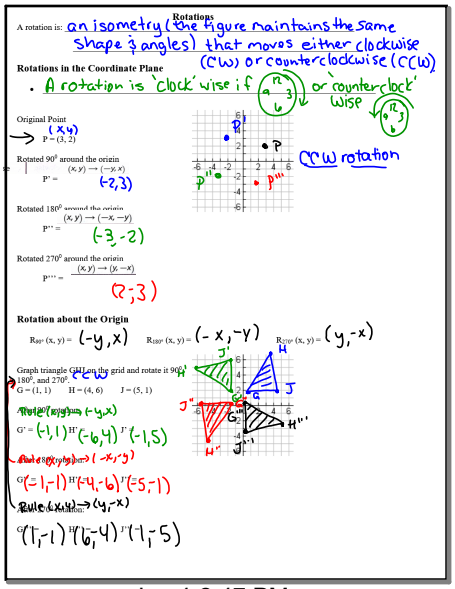


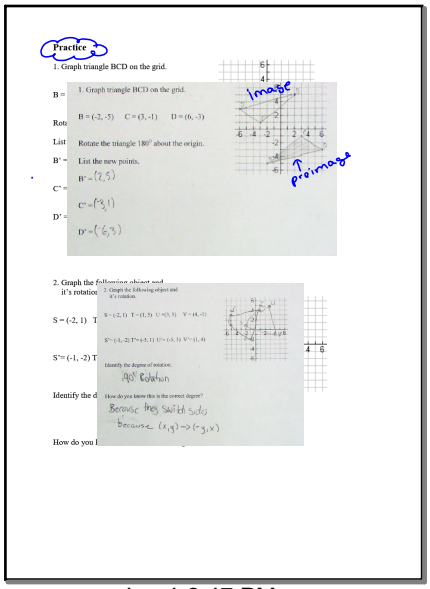
Jan 4-2:35 PM



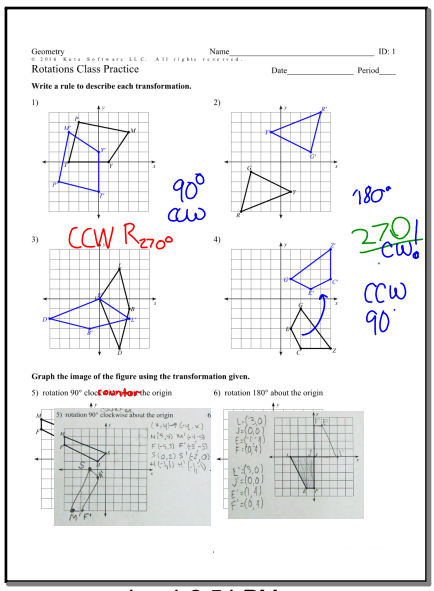
Aug 7-10:05 AM



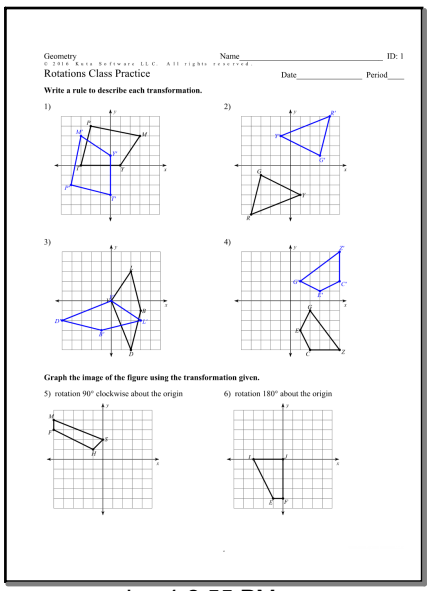
Jan 4-2:47 PM



Jan 4-2:47 PM



Jan 4-2:54 PM

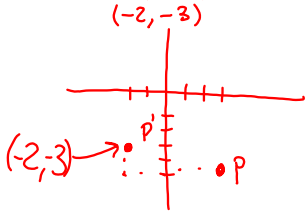


Jan 4-2:55 PM

January 8, 2019 Tuesday 'SG'

Translate point (3, -5) using rule (x - 5, y + 2). Write the ordered pair for the image.

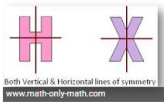
(3-5, -5+2)
(-2, -3)

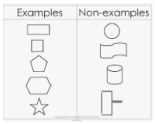


Aug 7-10:05 AM

What is symmetry?

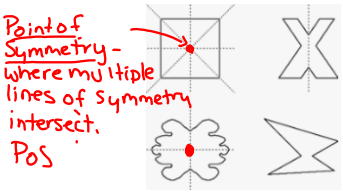
Mathematically, **symmetry** means that one shape becomes exactly like another when you move it in some way: turn, flip or slide. For two objects to be **symmetrical**, they must be the same size and shape, with one object having a different orientation from the first. There can also be **symmetry** in one object, such as a face. Jun 9, 2015





Jan 4-3:43 PM

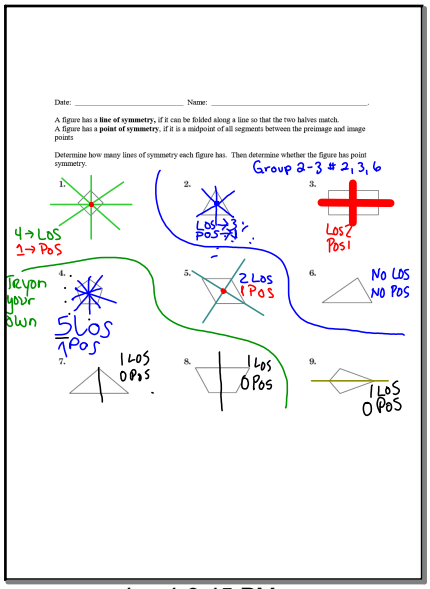
Lines of symmetry...



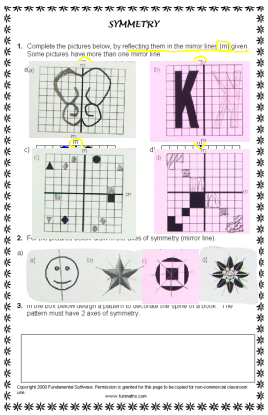
Point of Symmetry - where multiple lines of symmetry intersect. POS

LoS Lines of Symmetry - the figure evenly folds on its self.

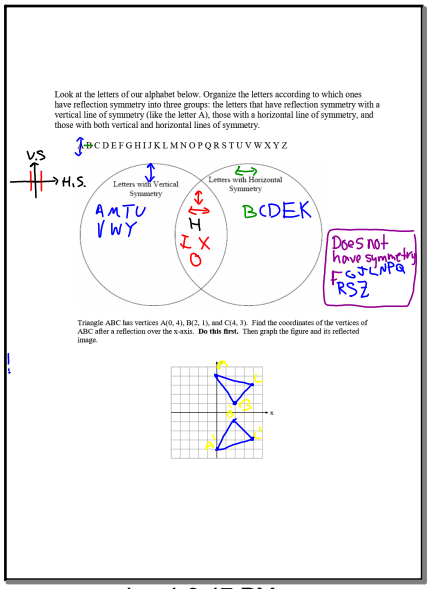
Jan 4-3:45 PM



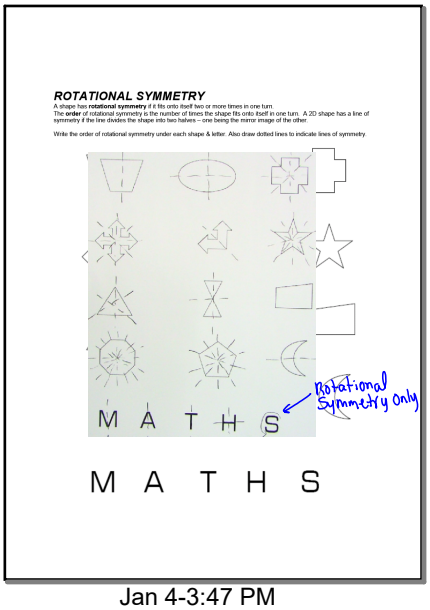
Jan 4-3:45 PM



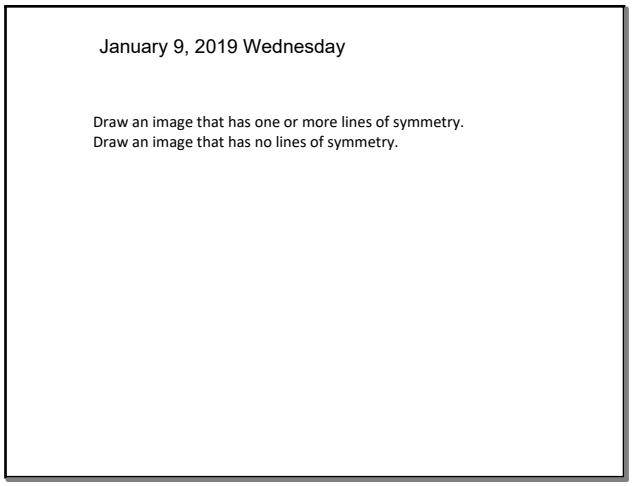
Jan 4-3:46 PM



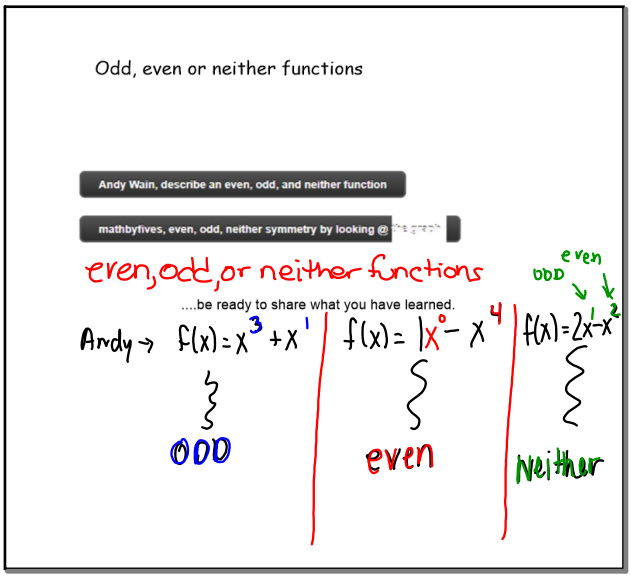
Jan 4-3:47 PM



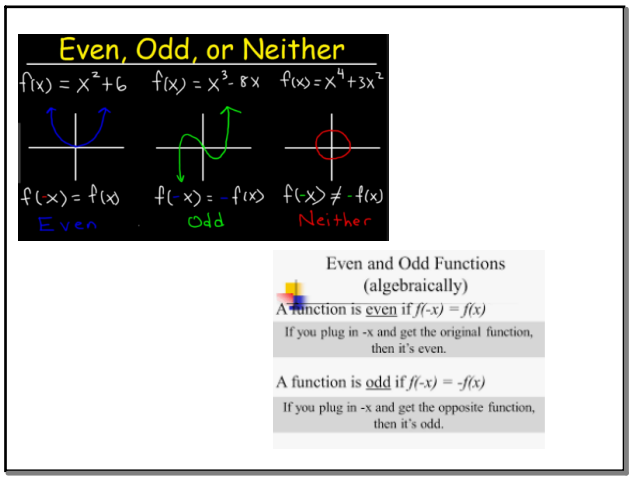
Jan 4-3:47 PM



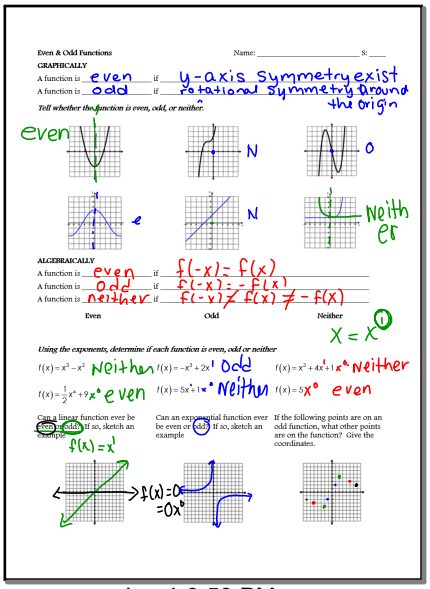
Aug 10-7:59 AM



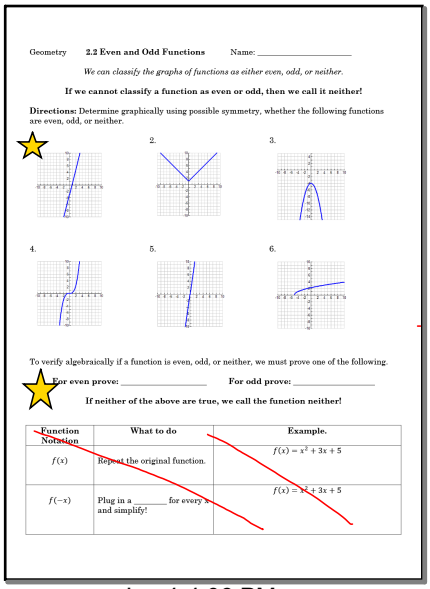
Aug 7-10:05 AM



Jan 4-3:56 PM



Jan 4-3:53 PM



Jan 4-4:06 PM

$-f(x)$	Change every sign you see in f(x). If something starts positive, it changes to negative and if it starts negative, it changes to a positive.	$f(x) = x^2 + 3x + 5$

exponentially

Directions: Verify algebraically whether each function is even, odd, or neither!

1. $f(x) = -6x$

2. $g(x) = x^4 - 2x^2$

3. $h(x) = x^2 + 2x + 1$

Jan 4-4:06 PM

Even, Odd, or Neither Worksheet Name: _____

Determine whether the following functions are even, odd, or neither.

1. f(x)= 4x – 3

2. f(x)=|x|+1

3. f(x)= -x² – 4

4. f(x)= $\frac{1}{3}x^3$

5. f(x)= 7x

6. f(x)= $\sqrt{x+5}$

Aug 7-3:07 PM

7. f(x)= 3x²

8. f(x) = x³ – 2

9. f(x)= 3x + 4

10. f(x)= x² – 5

11. f(x)= 10x + 5

12. f(x)= 2(x+1)³

Aug 7-3:08 PM

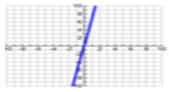
January 10, 2019, Thursday

Are the following even, odd, or neither?

7. f(x)= 3x²

even

f(x)= 7x



odd

Jan 4-3:53 PM

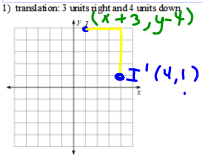
Review for Test

Jan 4-4:17 PM

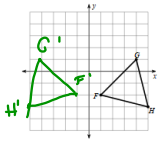
January 11, 2019, Friday

Graph the image of the figure using the transformation given.

1) translation: 3 units right and 4 units down



2) reflection across the y-axis

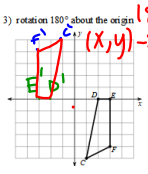


no x-y grids...just a rough sketch for 1 - 3!

3) rotation 180° about the origin

180° rotation

(x,y) → (-x,-y)



4) Write the equation for an even function: $f(x)=x^2$

5) Write the equation for an odd function: $f(x)=x^3$

6) Identify 3 letters from the alphabet that have vertical symmetry.

A, M, O

...test

Jan 4-4:11 PM