

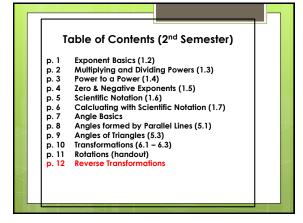
Check for understanding:
Using Patty Paper

There will be 2 parts of the quiz: WITH patty paper and WITHOUT patty paper

For the patty paper section, you will be required to use it – you will staple it to the quiz

This CFU will help me see if you remember how to the transformations with patty paper!

PLEASE CHANGE #3 TO SAY 120° INSTEAD OF 135°!



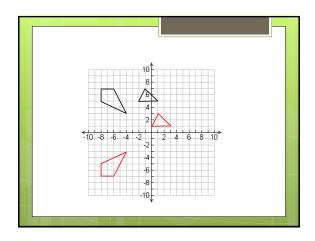
Reverse Transformations

12

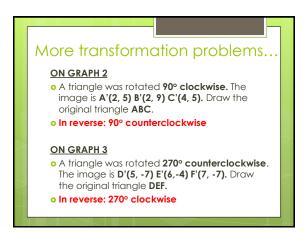
Today's Objectives:

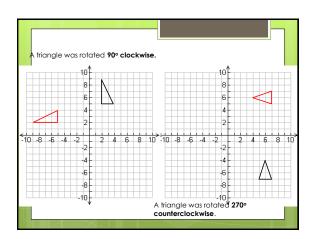
• Perform translations, reflections, and rotations in reverse!

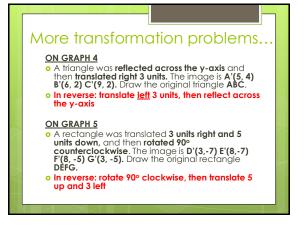
## More transformation problems... ON GRAPH 1 • A triangle was translated 4 units up and 2 units left. The image is A'(-2, 7) B'(-1, 9) C'(1, 7). Draw the original triangle ABC. • In reverse: 2 right and 4 down ALSO ON GRAPH 1 • A quadrilateral was reflected across the x-axis. The image is D'(-8, 5) E'(-8, 7) F'(-6, 7) G'(-4, 3). Draw the original quadrilateral DEFG. • In reverse: reflect back across the x-axis

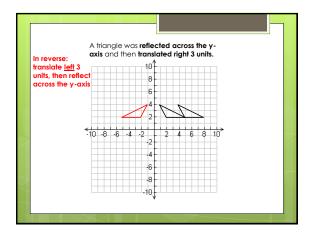


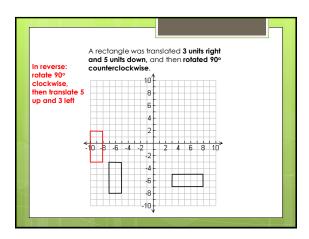
## Counterclockwise and clockwise... olt's very easy to mix these up if you're not careful. oPICTURE A CLOCK!!!



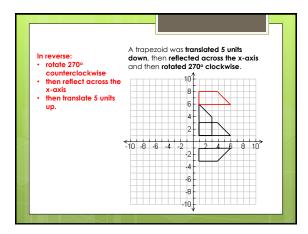








## More transformation problems... ON GRAPH 6 • A trapezoid was translated 5 units down, then reflected across the x-axis and then rotated 270° clockwise. The image is A'(1, 6) B'(1, 1) C'(3, 1) D'(3, 4). Draw the original trapezoid ABCD. • In reverse: rotate 270° counterclockwise, then reflect across the x-axis, then translate 5 units up.



## HOMEWORK: • Worksheet – Reverse transformations and Finding your own sequences of transformations