Grade 5 Mathematics

Week of February 8 – February 12

Lesson 5.4: Transformations

Lesson Materials

- Lessons for Section <u>5.4 Transformations</u>
- Learning Guide (This PDF)

Use the link above to open the lessons for this section. Remember: on the lesson page, use the arrow next to the "Table of Contents" at the **top of the page** to move through the lessons. You can also click on the Table of Contents to open the menu so you can jump to a specific lesson page.

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	Numbers are all around u measure or label.	s. They serve very different pu	rposes depending on how they are us	ed. A number is a mathema	atical object used to count,
		s. They serve very different pu	rposes depending on how they are us Measure	ed. A number is a mathema Label	atical object used to count,

Work through the online lessons for this section. You can work at your own pace or follow the suggested schedule below. Complete the activities in your Learning Guide as you work through the lessons. You can print the Learning Guide, or, copy out the questions on a separate piece of paper. Be sure to try the games and practice quizzes as you make your way through the online lesson book.

Suggested Lesson Schedule

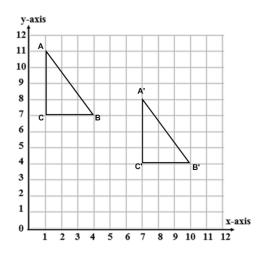
Monday	Thursday
Translations	• LG p. 12, #4-5
Translating a Point	
Translating a Shape	Friday
Your Turn	Reflection
Check Your Understanding	Check Your Understanding
	Review
Tuesday	Summary
• LG p. 7-11, #1-3	• LG p. 13-14, #6-8
Wednesday	
Rotation	
More Information	
Rotating Shapes	
Check Your Understanding	

Math 5

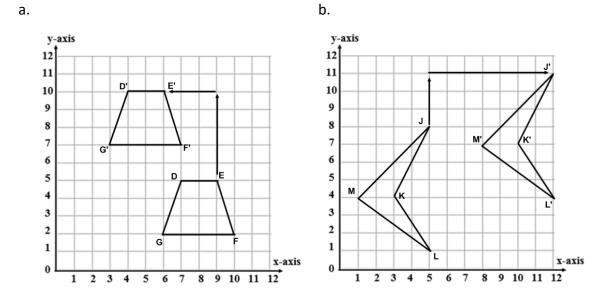
5.4 TRANSFORMATIONS

1. Describe the translation (slide) of each figure below. Remember to use left, right, up, and down and the number of squares moved to describe the figure's movement. The first example has been completed for you.

Example:

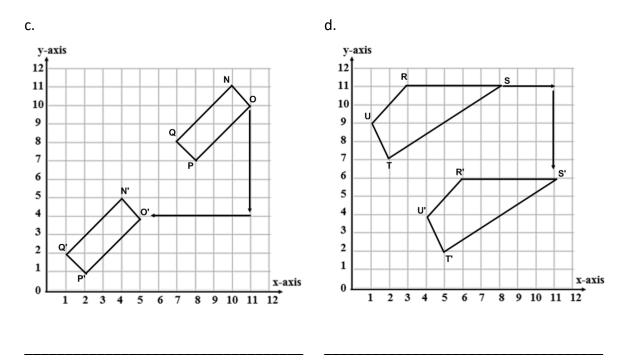


ABC was moved 6 right and 3 down

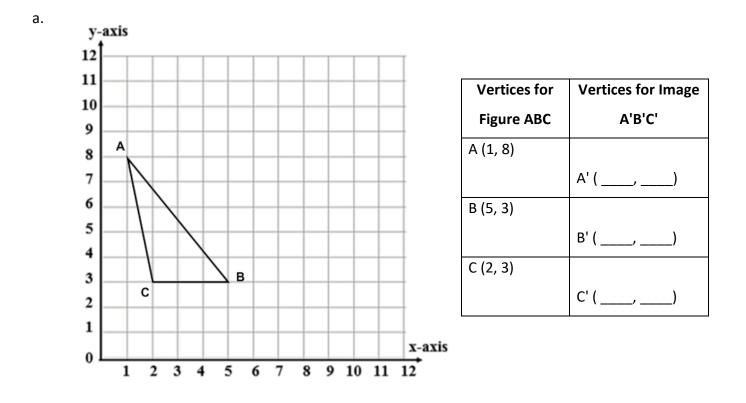








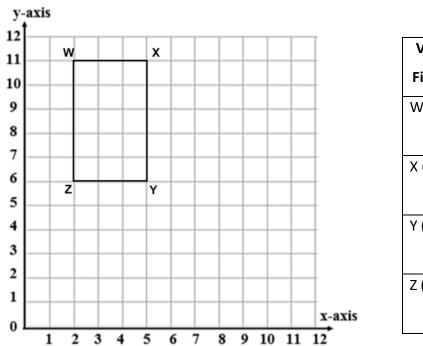
2. Translate the figure 6 units to the right and 3 units up. Note the vertices for the Image.



Math 5



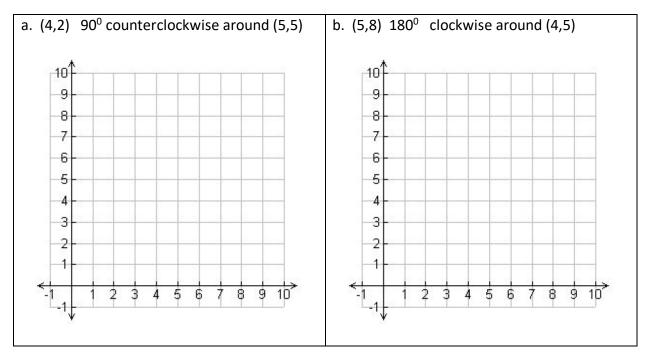
3. Translate this figure 3 units to the right and 2 units down. Note the vertices for the Image.



Vertices for	Vertices for
Figure WXYZ	Image W'X'Y'Z'
W (2, 11)	
	W'(,)
X (5, 11)	
	X' (,)
Y (5, 6)	
	Y' (,)
Z (2, 6)	
	Z' (,)

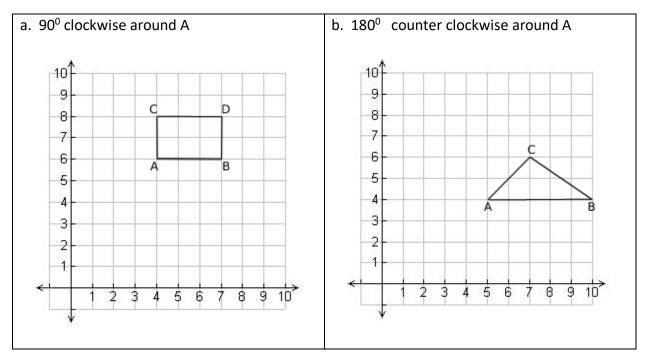


Math 5



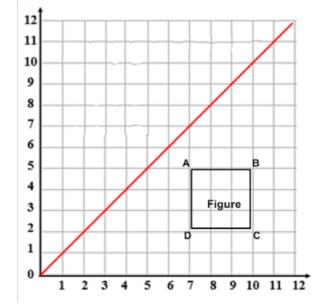
4. Perform the following rotation on the given point.

5. Rotate the given shapes as indicated.



4/17/20

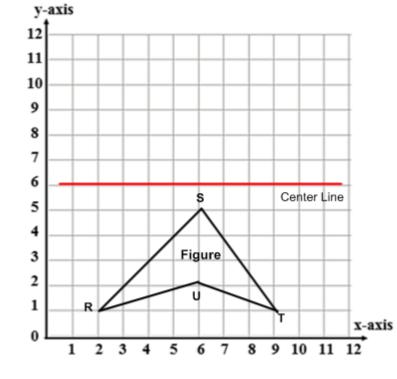
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Vertices for	Vertices for
Figure ABCD	Image A'B'C'D'
A (7, 5)	A' (,)
B (10, 5)	B' (,)
C (10, 2)	C' (,)
D (7, 2)	D' (,)

6. Reflect the figure in each example across the given line. Record the vertices in the table.

7. Reflect the figure in each example across the given line. Record the vertices in the table.



Vertices for	Vertices for	
Figure RSTU	Image R'S'T'U'	
R (,)	R' (,)	
S (,)	S' (,)	
т (,)	T' (,)	
U (,)	U' (,)	



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8. Write the correct transformation on the line; translation, reflection, or rotation.

