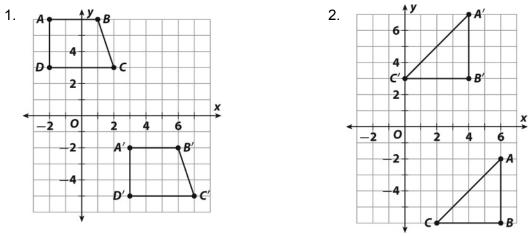
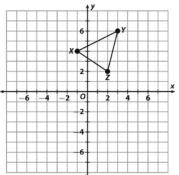


Describe the translation that maps point A to point A'.



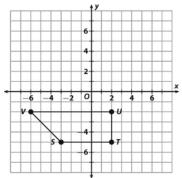
Draw the image of the figure after each translation.

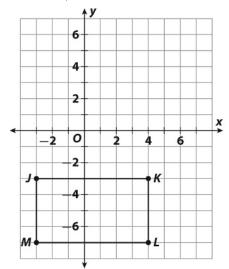
3. 3 units left and 9 units down



- 5. a. Graph rectangle *J'K'L'M*', the image of rectangle JKLM, after a translation of 1 unit right and 9 units up.
 - b. Find the area of each rectangle.
 - c. Is it possible for the area of a figure to change after it is translated? Explain.

4. 3 units right and 6 units up





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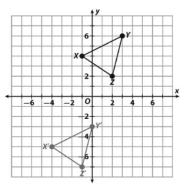
UNIT 4: Transformational Geometry

MODULE 9 Transformations and Congruence

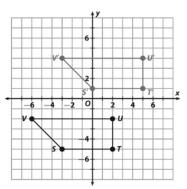
LESSON 9-1

Practice and Problem Solving: A/B

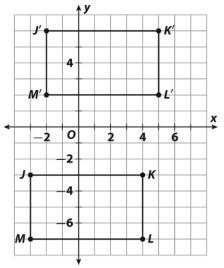
- 1.5 units right and 8 units down
- 2. 2 units left and 9 units up
- 3.



4.

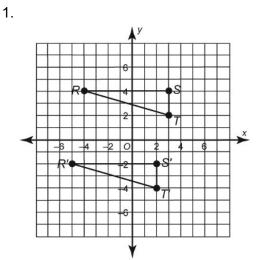


5. a.

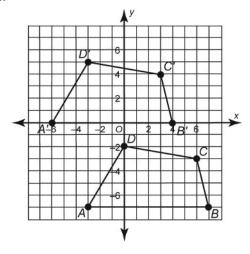


- b. Area of *JKLM*= 28 square units, area of *JKLM* = 28 square units
- c. No; the image and preimage are congruent, so they have the same size. This means that the areas are the same.

Practice and Problem Solving: C







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