

Warm Up Grade 8



Assessment Review

$$Q^{2} = C^{2} - b^{2}$$

$$= (2)^{2} - (14)^{2}$$

$$Q^{2} = 441 - 194$$

$$Q^{3} = 245$$

$$Q^{4} = 5$$

$$Q^{5} = 5$$

$$Q = 15.6$$

2) Given the integers -2, +10, -7, +3, -8, which two would give the greatest product?

$$(-7)\times(-8)=+56$$

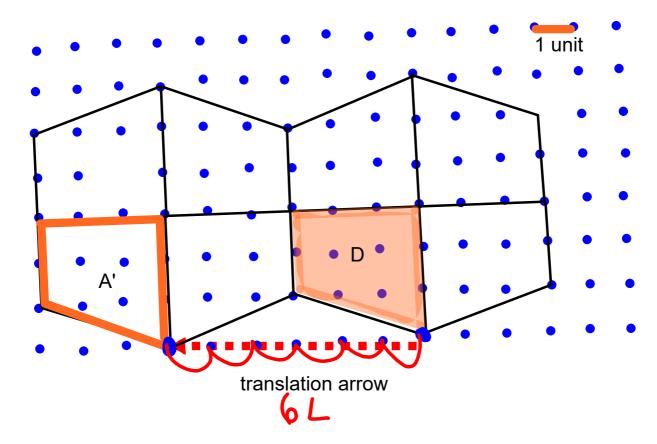
3) find the value of y given 7 + y = 21



S) Evaluate (-18)÷(+2) - (+4)x(+2)

Translation- is a slide of a shape in a straight line

- arrow is used to show the movement
- the translated image and the shaded shape are congruent and have the same orientation

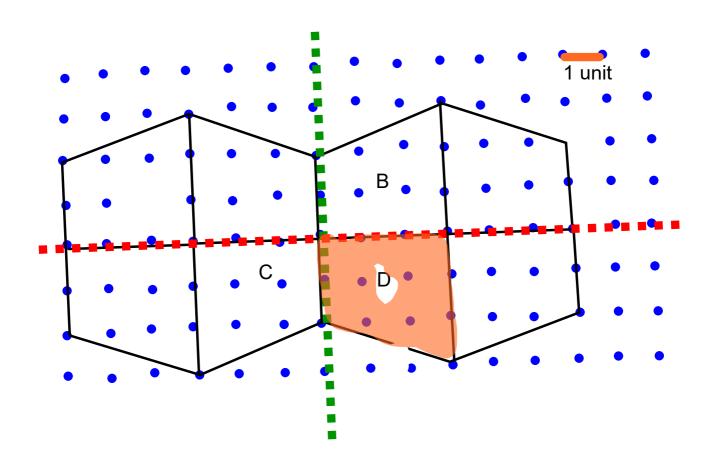


The shaded shape D is translated _ ___ units ____ to give ranslated image A'

Reflection - find horizontal line of reflection (marked with red).

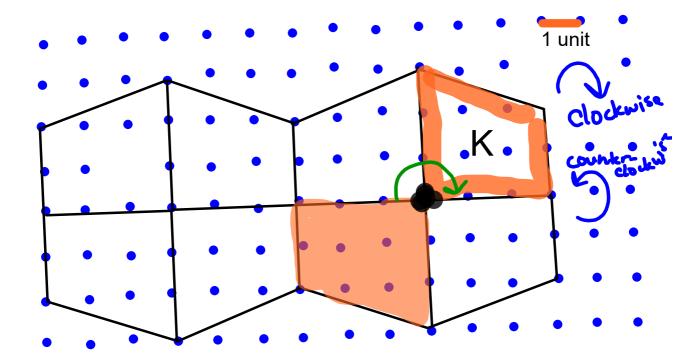
*Shape D is reflected in the red line. It reflects image is Shape B

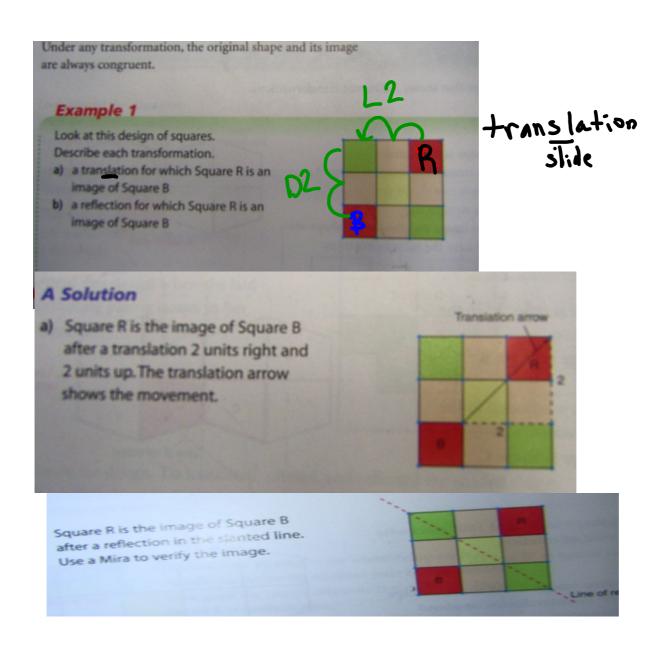
- Find vertical line of reflection (marked with green)
 - * The shape D is reflected in the green line of reflection. Its reflection image is Shape C

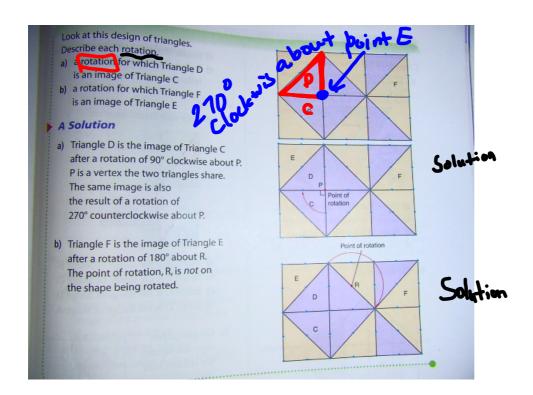


Rotation- need a point of rotation (+urn)

- The shaded shape D is rotted 180° clockwise about the point of rotation(marked with a BIG dot). The rotation image is shape K
- rotation image of 180 are congruent







Gass/Homework

Look at page 458, 459 Example 1 & 2

Page 460 #5, #6, #7, #8 5) a A > B

Reflection

across horizontal Mirror between AB

Rotation about point E 180° (clockwise)