Lesson 1.2.2 Resource Page

Reflections

1-59. What happens when ΔABC is reflected across line \( n \) to form ΔA′B′C′ and then ΔA′B′C′ is reflected across line \( p \) to form ΔA″B″C″? First visualize the reflections and then test your idea of the result by drawing both reflections. Then answer the rest of the questions in the student text.

1-60. a. First visualize the result when ΔEFG is reflected over \( v \) to form ΔE′F′G′, and then ΔE′F′G′ is reflected over \( w \) to form ΔE″F″G″. Then draw the resulting reflections on the resource page. Is the final image a translation of the original triangle? If not, describe the result. Then answer question (b) as stated in the text.

c. On the grid below, rotate the “block L” 90° counter-clockwise (\( \cup \)) about \( Q \).