

Answer Key

Chapter 8

Lesson 8.7

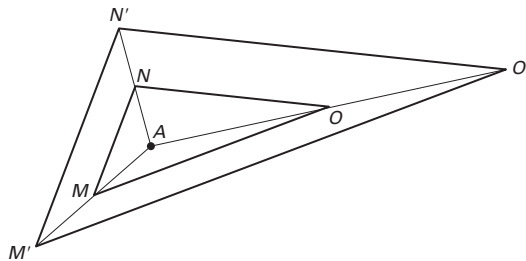
Practice B

1. The dilation has center C and scale factor $\frac{3}{2}$.
2. The dilation has center C and scale factor $\frac{8}{3}$.
3. The dilation has center C and scale factor $\frac{5}{9}$.
4. The dilation has center C and scale factor $\frac{3}{1}$; $x = 15, y = 18$.
5. The dilation has center C and scale factor $\frac{5}{12}$; $x = 2.5$.

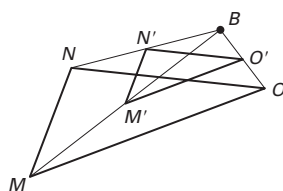
6. $M'(0, 9), N'(6, 12), L'(12, 0)$

7. $G'(\frac{5}{3}, \frac{7}{3}), H'(3, 1), I'(1, \frac{1}{3})$

8.



9.



10. 6 in. by $7\frac{1}{2}$ in.