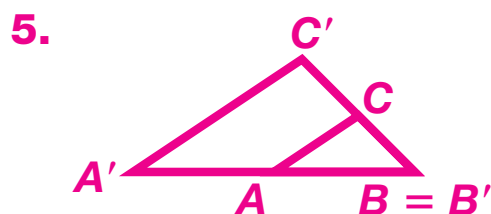
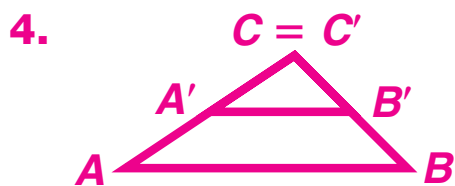


Answers for Lesson 4-5, pp. 189–190 Exercises

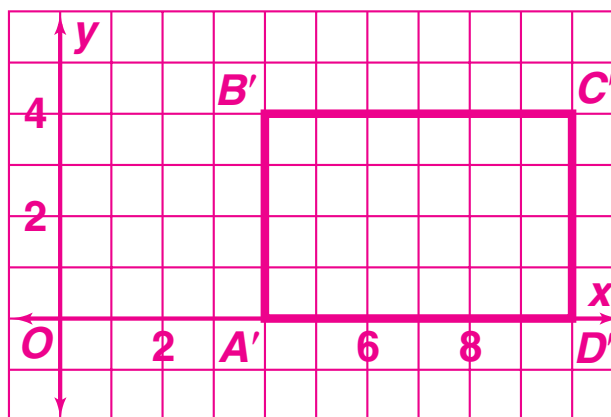
1. Reduction; the dilation has a scale factor less than 1.

2. enlargement

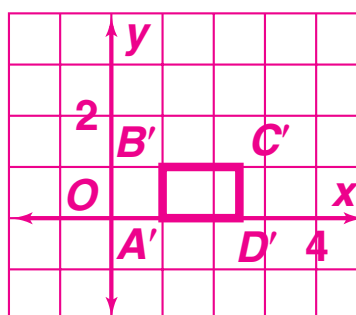
3. 3



6. $A'(4, 0)$, $B'(4, 4)$, $C'(10, 4)$,
 $D'(10, 0)$



7. $A'(1, 0)$, $B'(1, 1)$, $C'(2.5, 1)$,
 $D'(2.5, 0)$



8. 3; enlargement

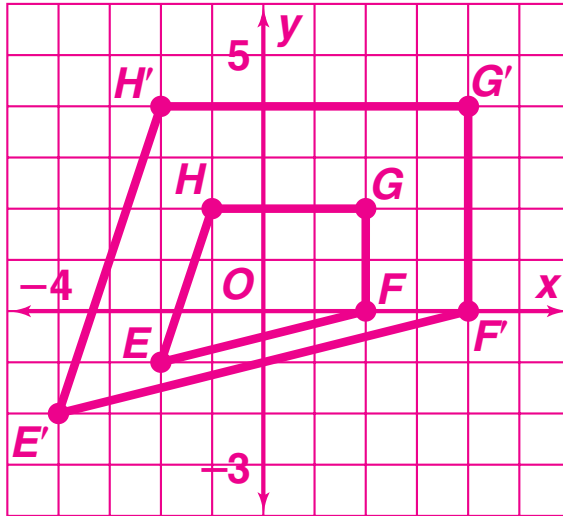
9. $\frac{1}{2}$; reduction

10. 2; enlargement

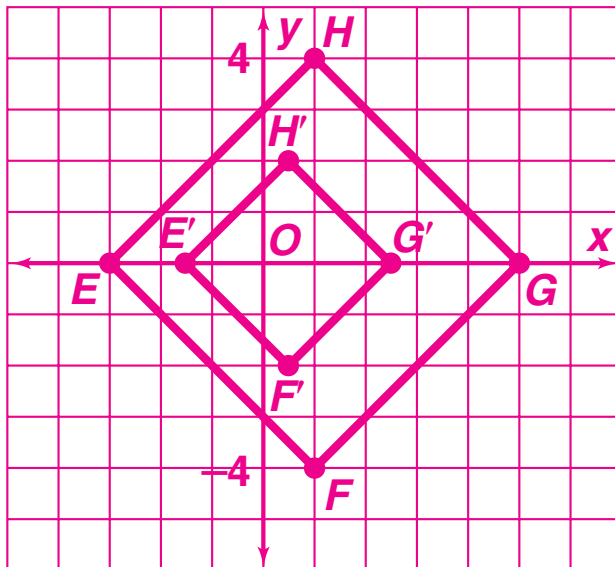
11. $1\frac{7}{8}$ in.

Answers for Lesson 4-5, pp. 189–190 Exercises (cont.)

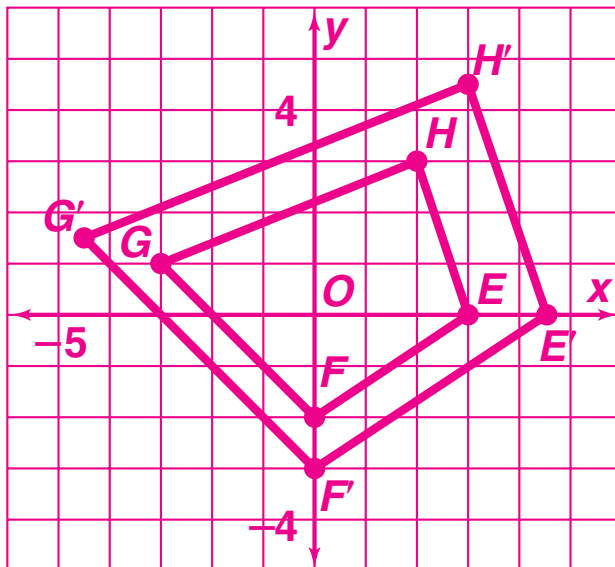
12.



13.



14.



Answers for Lesson 4-5, pp. 189–190 Exercises (cont.)

15. $\frac{3}{4}$

16. $\frac{1}{4}$

17. Answers may vary. Sample: To dilate a figure on a coordinate plane, find the coordinates of each vertex and multiply each coordinate by the scale factor. Then plot each of these points on the coordinate plane.

18. 0.35

19. A

20. H

21. C

22. 20 cm

23. 95 in.