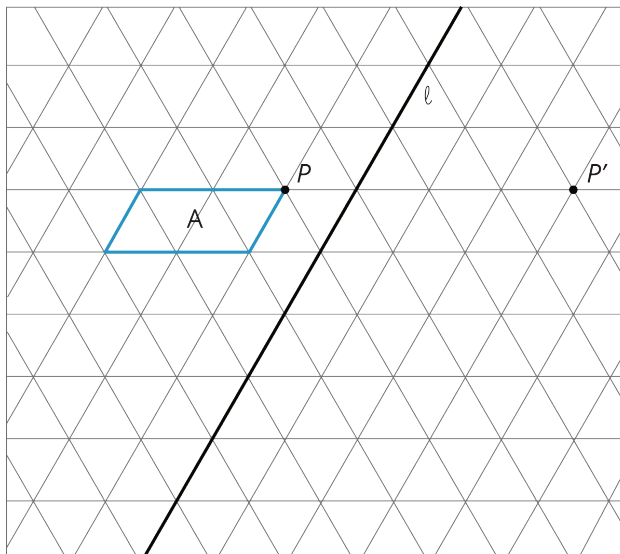
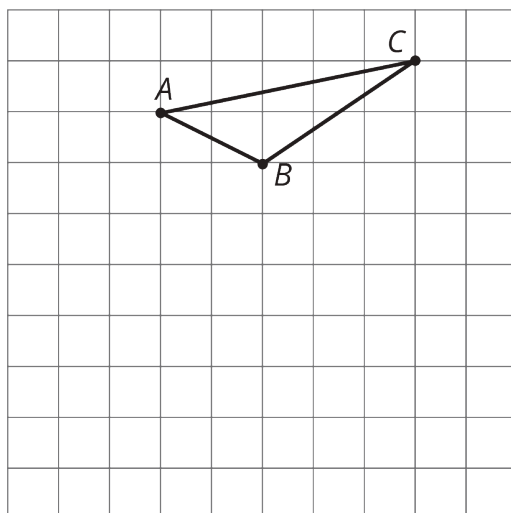


Lesson 3 Practice Problems

1. Apply each transformation described to Figure A. If you get stuck, try using tracing paper.

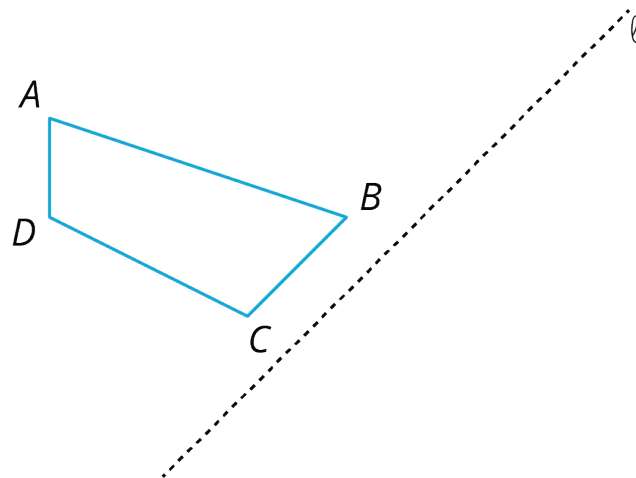


- A translation which takes P to P'
 - A counterclockwise rotation of A , using center P , of 60 degrees
 - A reflection of A across line ℓ
2. Here is triangle ABC drawn on a grid.



On the grid, draw a rotation of triangle ABC , a translation of triangle ABC , and a reflection of triangle ABC . Describe clearly how each was done.

3. Here is quadrilateral $ABCD$ and line ℓ .



Draw the image of quadrilateral $ABCD$ after reflecting it across line ℓ .

(From Unit 1, Lesson 2.)