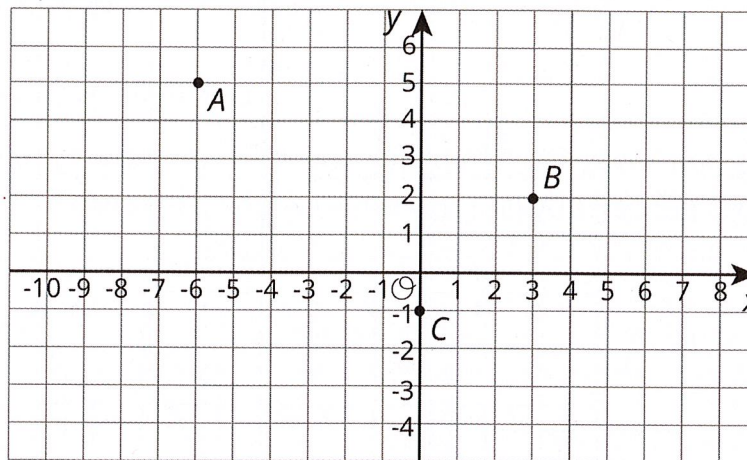


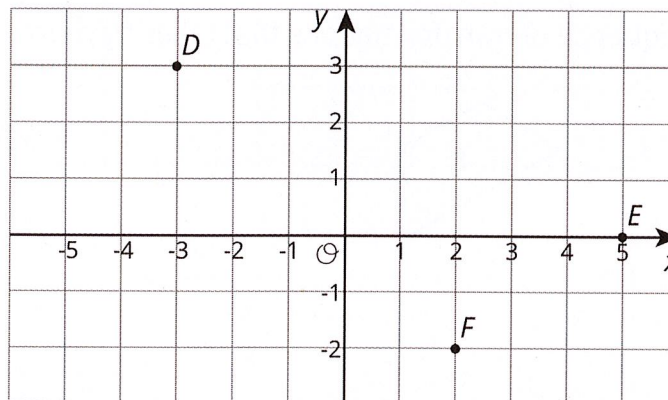
Lesson 5 Practice Problems

1. a. Here are some points.



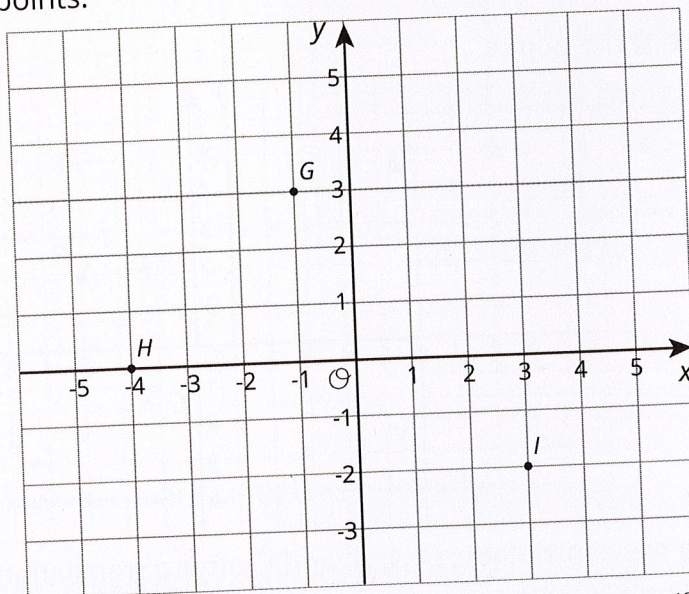
What are the coordinates of A , B , and C after a translation to the right by 4 units and up 1 unit? Plot these points on the grid, and label them A' , B' and C' .

- b. Here are some points.



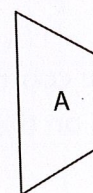
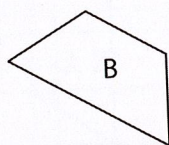
What are the coordinates of D , E , and F after a reflection over the y axis? Plot these points on the grid, and label them D' , E' and F' .

c. Here are some points.



What are the coordinates of G , H , and I after a rotation about $(0, 0)$ by 90 degrees clockwise? Plot these points on the grid, and label them G' , H' and I' .

2. Describe a sequence of transformations that takes trapezoid A to trapezoid B.



3. Reflect polygon P using line ℓ .

