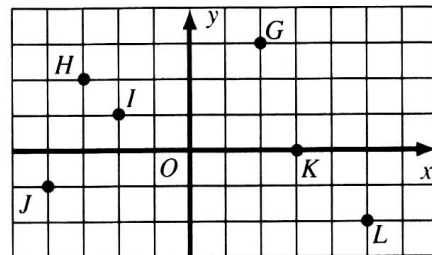


SECTION 14.2 WORKSHEET

Complete #1-12

Write the coordinates of the image of each point by reflection in the x -axis.

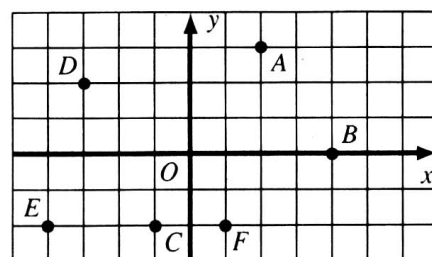
- | | |
|-----------------|-----------------|
| 1. $H' =$ _____ | 2. $J' =$ _____ |
| 3. $K' =$ _____ | 4. $L' =$ _____ |
| 5. $G' =$ _____ | 6. $I' =$ _____ |



Exs. 1-6

Write the coordinates of the image of each point by reflection in the line $x = 1$.

- | | |
|------------------|------------------|
| 7. $A' =$ _____ | 8. $B' =$ _____ |
| 9. $C' =$ _____ | 10. $D' =$ _____ |
| 11. $E' =$ _____ | 12. $F' =$ _____ |

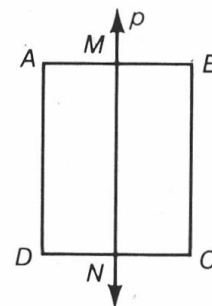


Exs. 7-12

Complete #11-15

In the figure, line p is the perpendicular bisector of both \overline{AB} and \overline{DC} . Complete.

- | | |
|---|---|
| 11. $R_p: \overline{AB} \rightarrow$ _____ | 12. $R_p: \overline{AM} \rightarrow$ _____ |
| 13. $R_p: \text{_____} \rightarrow \overline{AD}$ | 14. $R_p: \text{_____} \rightarrow \overline{MN}$ |



Draw the image of each figure by the transformation specified.

15. Reflection in line k

