

Geometry

Name _____

Section 9-3 worksheet

For 1-13, rotate the point around the origin by the given magnitude.

1. $A = (2, 3)$ 90°

2. $B = (-1, 4)$ 180°

$A' =$ _____

$B' =$ _____

3. $C = (6, -8)$ 270°

4. $D = (-3, -7)$ 90°

$C' =$ _____

$D' =$ _____

5. $E = (-5, 1)$ 180°

6. $F = (9, 4)$ 270°

$E' =$ _____

$F' =$ _____

11. $G = (-4, -6)$ 90°

12. $H = (-7, 2)$ 180°

13. $I = (4, -7)$ 270°

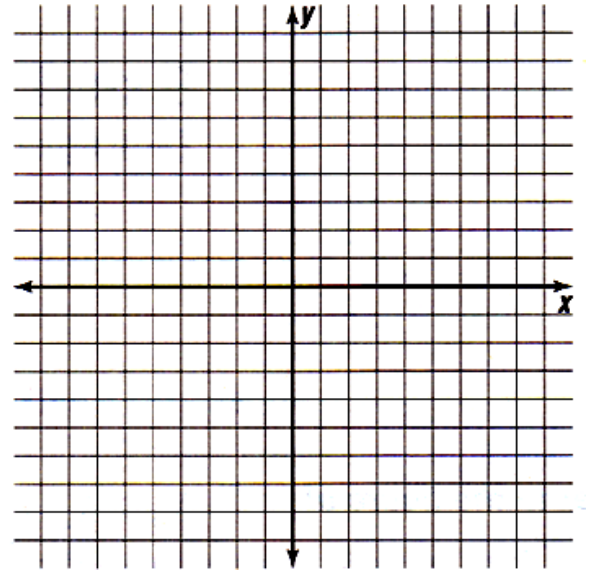
14. $J = (5, 9)$ 90°

$G' =$ _____

$H' =$ _____

$I' =$ _____

$J' =$ _____

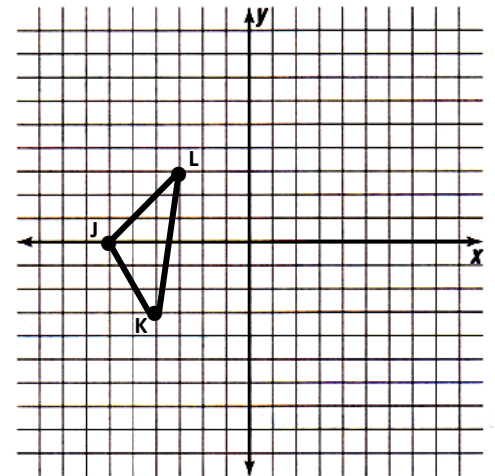
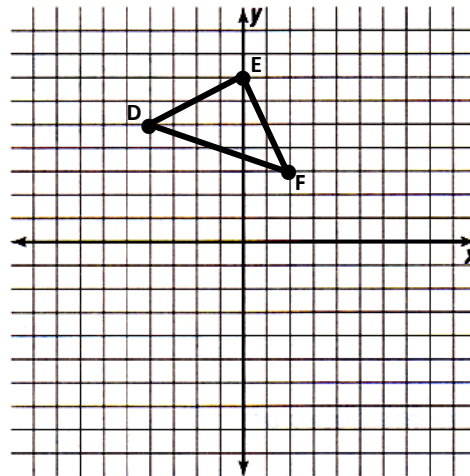
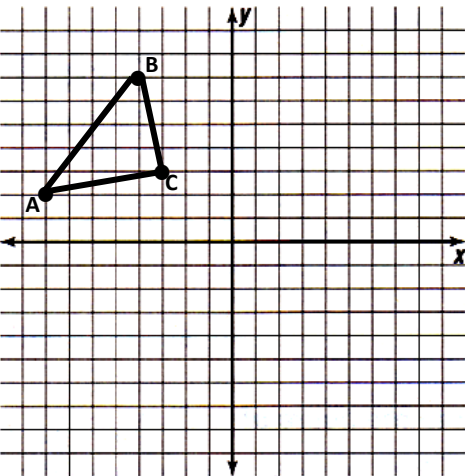


Rotate each figure around the origin by the given magnitude.

15. 90°

16. 180°

17. 270°



$A' =$ _____ $B' =$ _____ $C' =$ _____

$D' =$ _____ $E' =$ _____ $F' =$ _____

$J' =$ _____ $K' =$ _____ $L' =$ _____