Name_____ Due Date _____ Period _____

14.4 Perimeter Practice

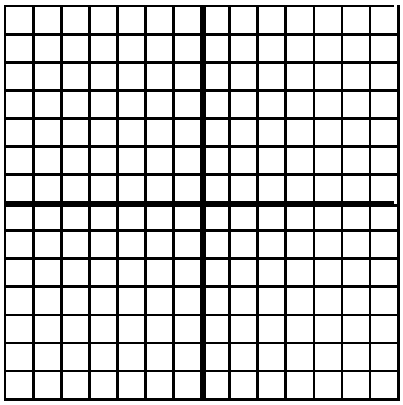
For each of the following find the distance between the given two points:

1. $(-5,4)$ to $(-6,8)$
2. $(0,-1)$ to $(-3,5)$
3. $(0,5)$ to $(-4,5)$
4. $(5,4)$ to $(-8,1)$

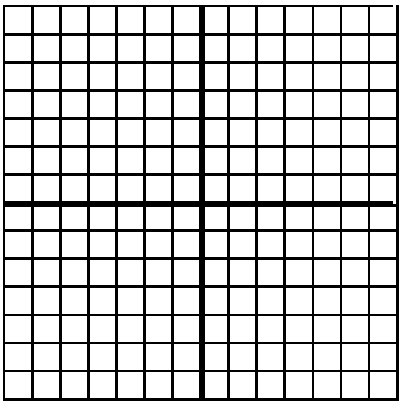
On the following graphs:

a) Plot the points to make a shape.
b) Use the coordinates to find the length of every side.
c) Add the side lengths together to find the perimeter.

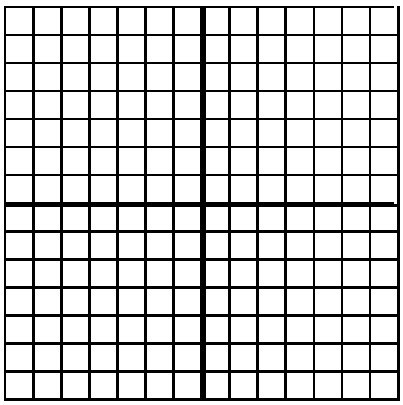
5. A (-4,6) B (-3,-2) C (4,-1) D (5,2)



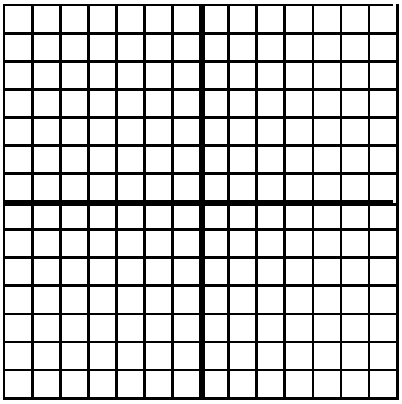
6. A (-4,6) B (-3,-2) C (4,-1) D (5,2)



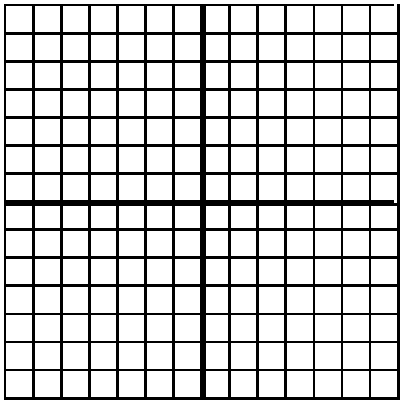
7. D (-3, 2) E (-4, -4) F (5, -4) G (1,6)



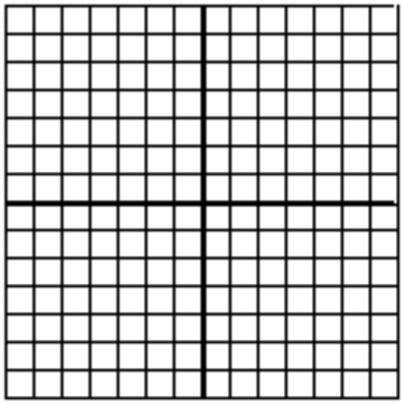
8. A (0,4) B (-2,-4) C (6,1)



9. M (-7, 5) T (-1,-5) R (5,4)



10. R (4,6) T (5,0) B (1,-4) L (-5,-1)



Find the perimeter of the following using the distance formula. You may want to draw the image yourself.

11. Find the perimeter of the polygon with vertices at $A\ (-2,1), B\ (1,5), C\ (5,5)$, and $D\ (2,1)$

12. Find the perimeter of the square whose vertices are $(4,7), (1,7), (1,3)$, and $(4,3)$

13. Find the perimeter of the trapezoid whose vertices are $(-6,3), (5,0), (5,3)$, and $(0,0)$

14. Find the perimeter of the triangle whose vertices are $(-9,8), (-9,16)$, and $(-17,8)$