

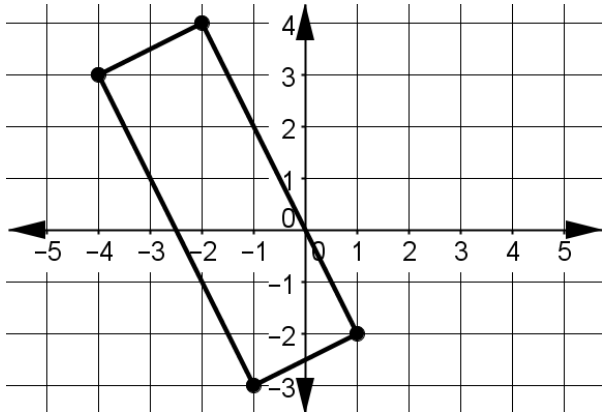
Name: \_\_\_\_\_

Period: \_\_\_\_\_

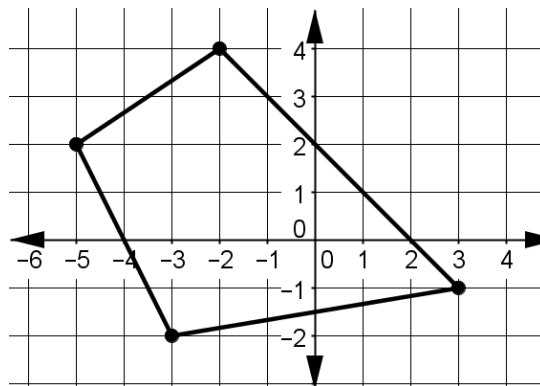
### 13.7 Finding Perimeter of Polygons (G.GPE.7)

Use the coordinates in the figures below to calculate the perimeter of each polygon.

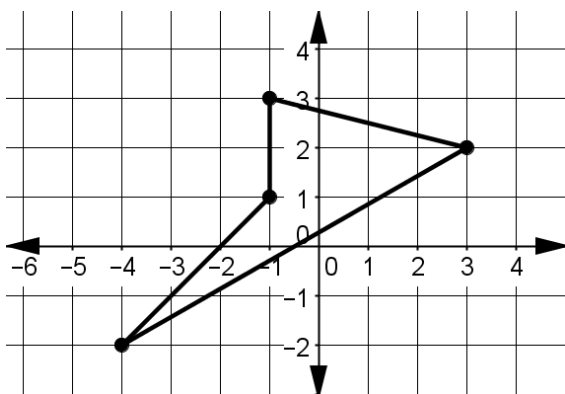
1)



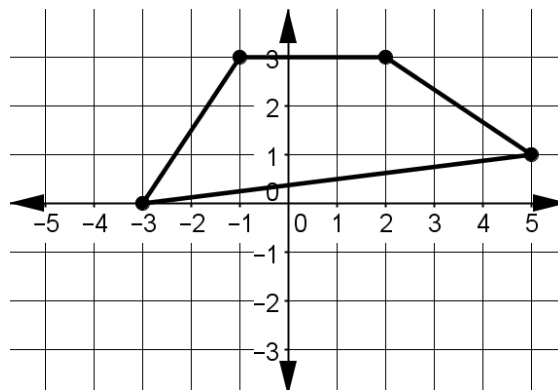
2)



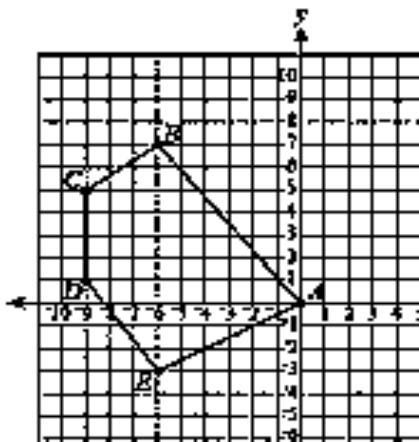
3)



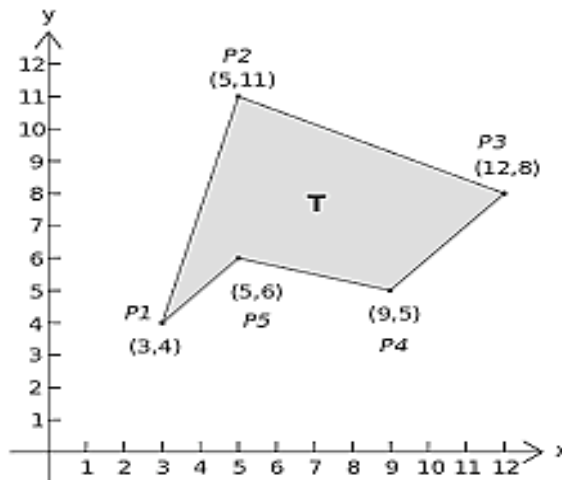
4)



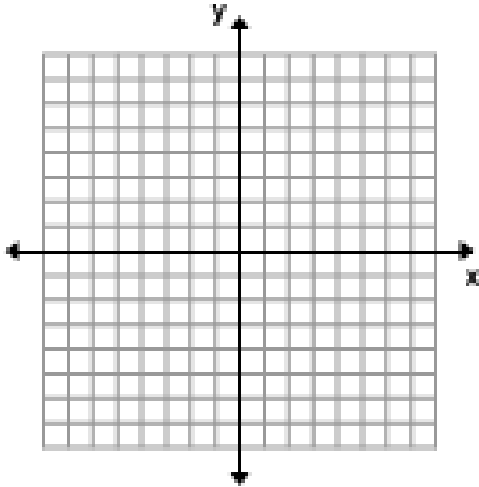
5)



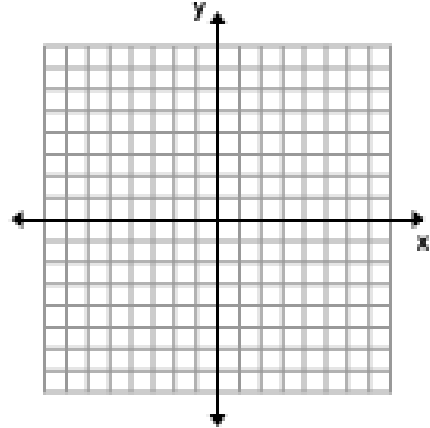
6)



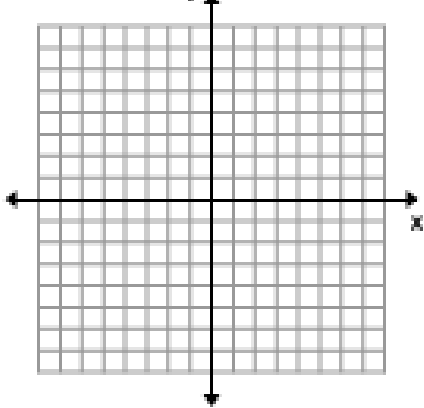
1. A (-3, 3), B ((1, 5), C (4, -1), D 1, -5)



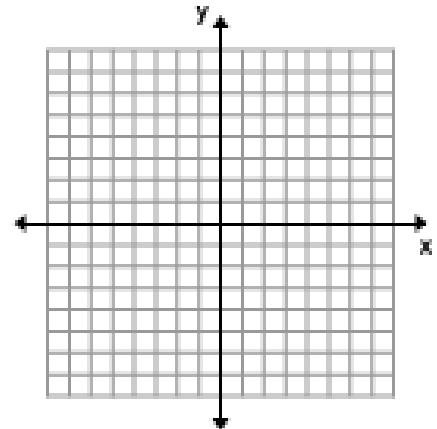
2. R (-4, 2), Q (1, 6), P (1, 2)



3. P(3, -2), Q(5, -2), R(6, -4), S(4, -5), T(2, -4)



4. A(-4, 3), B (4, 3), C(4, -4), D(-4, -4)



**Review: Find  $f(2)$ .**

5.  $f(x) = 10^x$

6.  $f(x) = 3(x + 2) - 7$

7.  $f(x) = x^4$

8.  $f(x) = 5^{x-2} + 6$

9.  $f(x) = 2x + 9$

10.  $f(x) = 3^x - 5$

11.  $f(x) = 3x^2 + 2x - 4$

12.  $f(x) = 3(x + 2)^2 - 7$