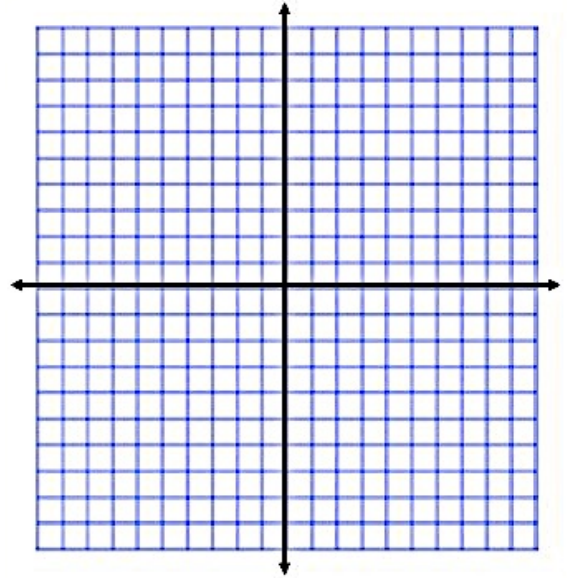


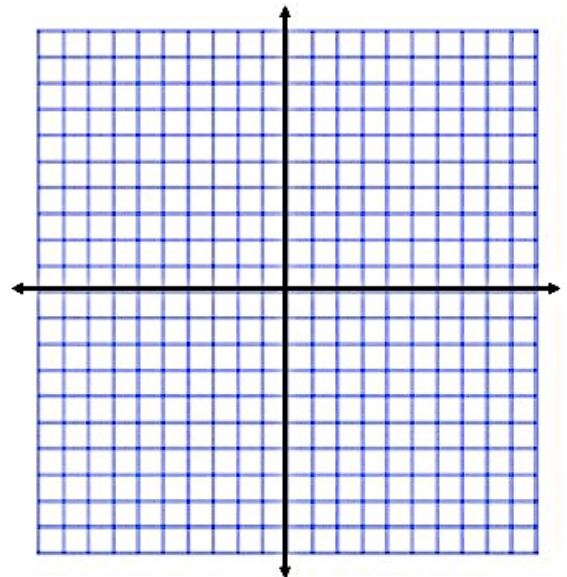
**Perimeter**

1. Determine the perimeter of the following polygons.

a.  $E(-3, 1)$ ,  $F(-2, 3)$ ,  $G(2, 3)$ , and  $H(1, 1)$

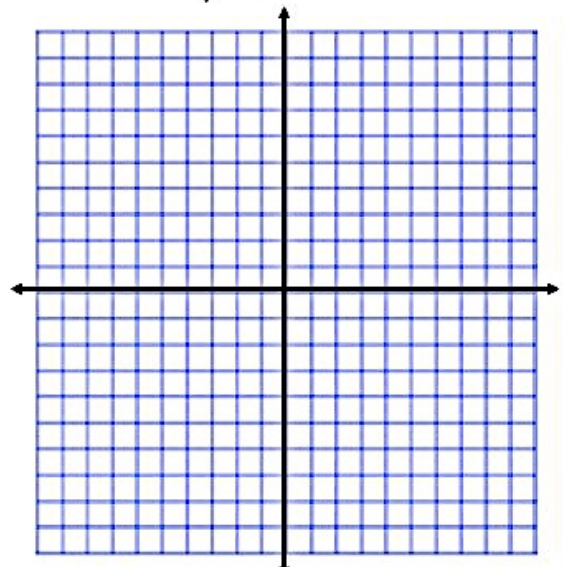


b.  $L(3, 3)$ ,  $M(1, 2)$ ,  $N(3, 1)$ , and  $P(5, 2)$

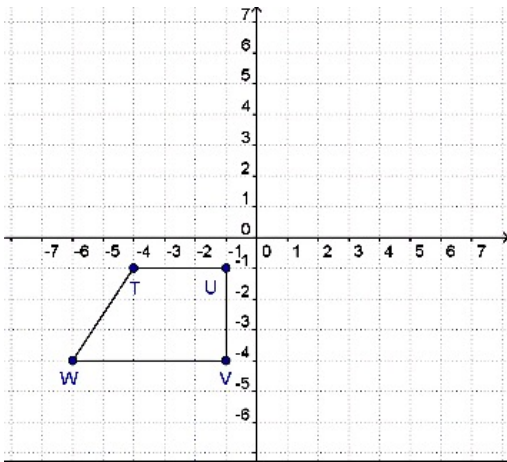


2. Given the perimeter and the type of quadrilateral, determine the possible missing coordinate.

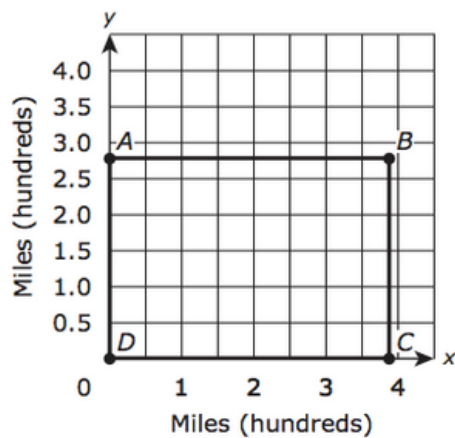
Rectangle  $FACE$  with coordinates:  
 $F(-4, 3)$ ,  $A(-4, -1)$ , and  $C(2, -1)$  with a perimeter of 20



3. Find the perimeter of the polygon.



4. The figure shows rectangle  $ABCD$  in the coordinate plane with point  $A$  at  $(0, 2.76)$ ,  $B$  at  $(3.87, 2.76)$ ,  $C$  at  $(3.87, 0)$  and  $D$  at the origin. Rectangle  $ABCD$  can be used to approximate the size of the state of Colorado with the x and y scales representing hundreds of miles.



Based on the information given, how many miles is the perimeter of Colorado?