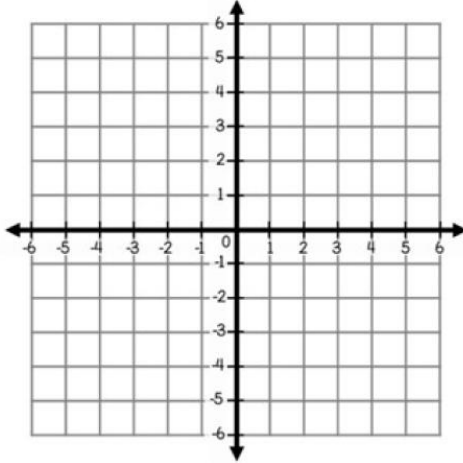


**Area Worksheet #2**

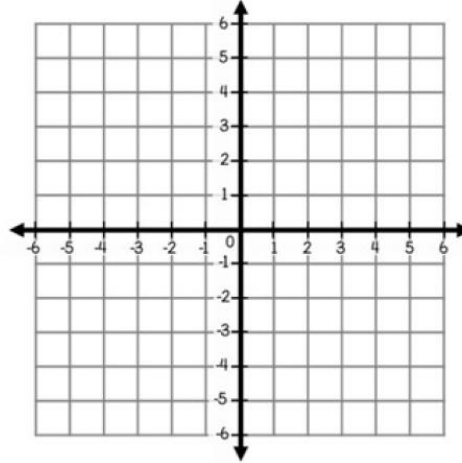
Name: \_\_\_\_\_ Period \_\_\_\_\_

For each problem, graph each set of points or lines on the given coordinate plane then find the perimeter and area of the enclosed polygon. Write the exact **AND** the approximate answers rounded to one decimal place. **SHOW YOUR WORK!**

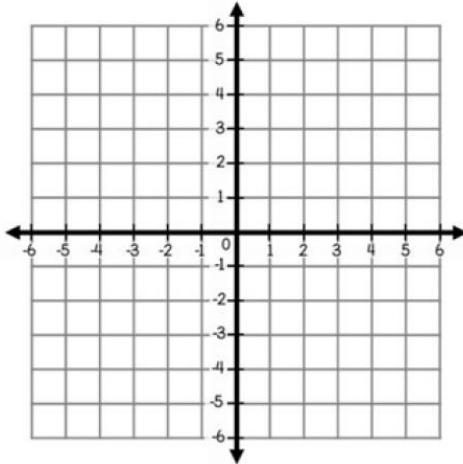
1) P(-3,-4), Q(3,-3), R(3,2), S(-3,2)



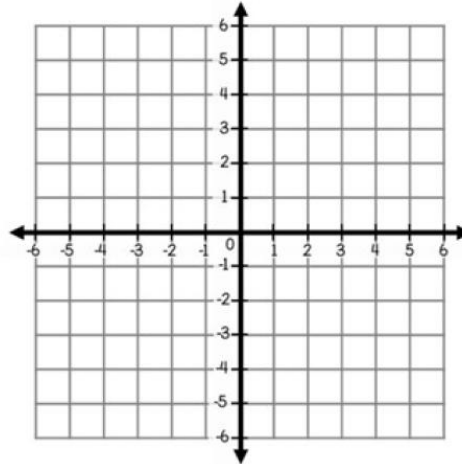
2) L(0,6), M(0), N(0,-4), P(-3,0)



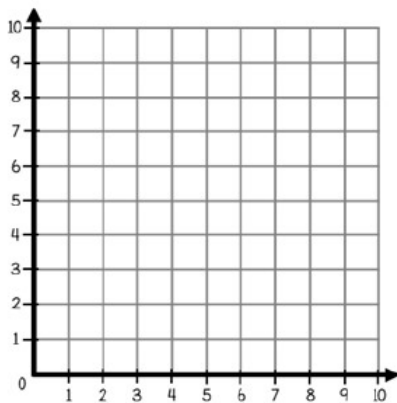
3) E(-4,1), F(-2,3), G(-2, -4)



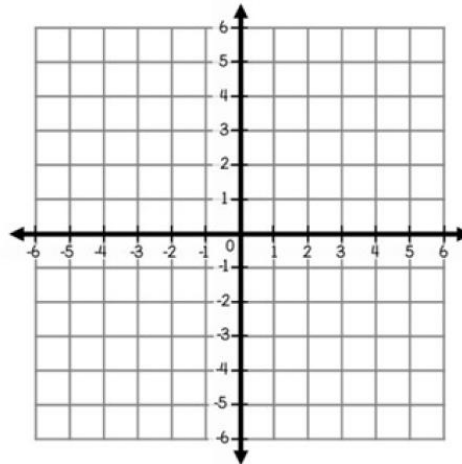
4) T(1,-2), U(4,1), V(2,3), W(-1,0)



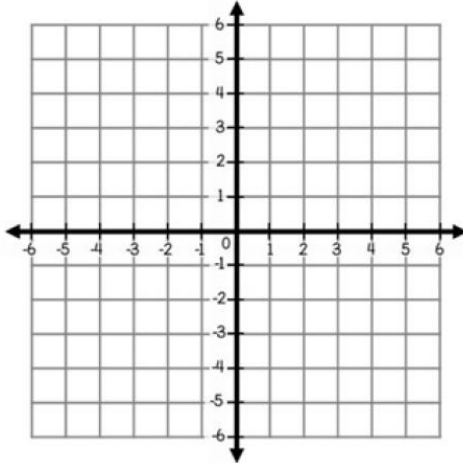
5) E(0,8), F(5,8), G(7,0), H(0,0)



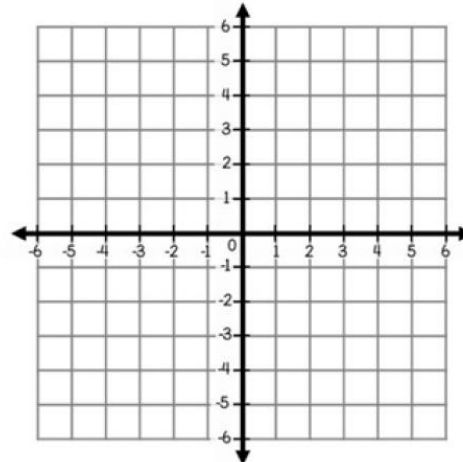
6) A(-2, 3), B(3,1), C(-2,-1), D(-3,1)



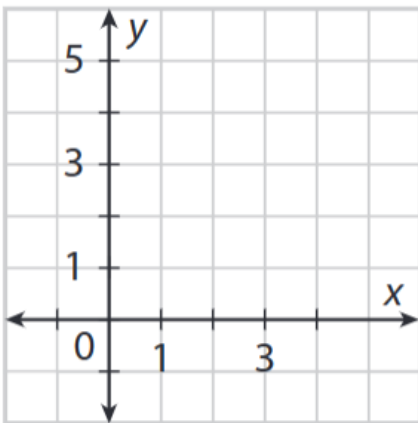
7)  $A(0,3)$ ,  $B(4,3)$ ,  $C(4,-4)$ ,  $D(-4,-4)$ ,  $E(-4,0)$



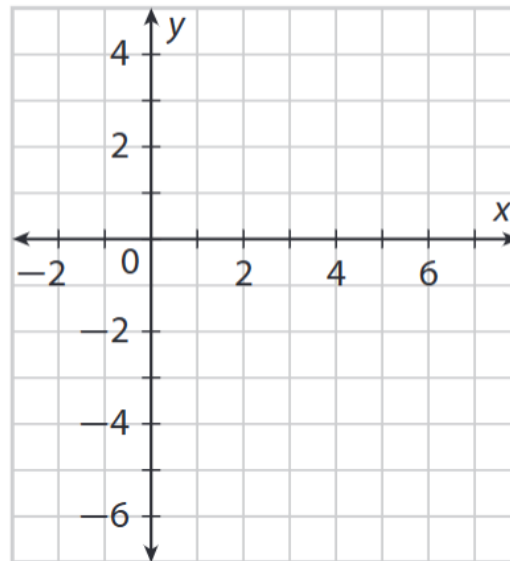
8)  $A(1,4)$ ,  $B(3,6)$ ,  $C(5,4)$ ,  $D(1,-3)$ ,  $E(-3, 4)$ ,  $F(-1,6)$



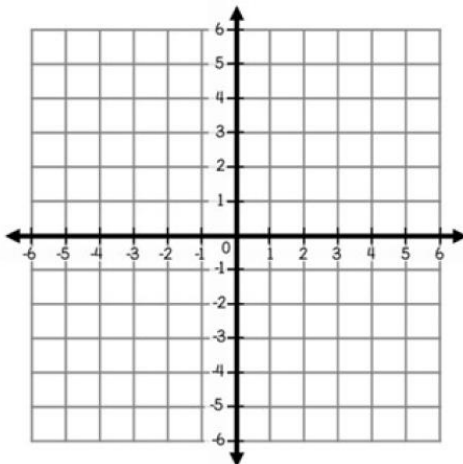
9)  $y = 2$ ,  $x = 5$ ,  $y = x$



10)  $y = -5$ ,  $x = 2$ ,  $y = -2x + 5$



11)  $y = 2$ ,  $y = -4$ ,  $y = 3x + 5$ ,  $3x + y = 5$



12)  $y = 2x + 5$ ,  $y = -2x + 5$ ,  $y = 3x$ ,  $y = -3x$

