

Expressing Geometric Properties Worksheet 2

1. What are the perimeter and area of the polygon defined by the points $A(12, 20)$, $B(20, 20)$ and $C(20, 8)$ and $D(12, 8)$?
2. What are the perimeter and area of the polygon defined by the points $A(-6, 1)$, $B(12, 14)$ and $C(12, -4)$ and $D(-6, -4)$?
3. What are the perimeter and area of the polygon defined by the points $A(10, 6)$, $B(13, 10)$ and $C(17, 7)$ and $D(14, 3)$?
4. What are the perimeter and area of the polygon defined by the points $A(9, 12)$, $B(15, 9)$ and $C(13, 5)$ and $D(7, 8)$?
5. What are the perimeter and area of the polygon defined by the points $A(13, 10)$, $B(16, 6)$ and $C(8, 6)$ and $D(-6, -4)$?
6. What are the perimeter and area of the polygon defined by the points $A(-20, 6)$, $B(4, 12)$, $C(7, 0)$ and $D(-17, -6)$?
7. What are the perimeter and area of the polygon defined by the points $A(7, 12)$, $B(14, 12)$, $C(11, 7)$ and $D(2, 7)$?
8. What are the perimeter and area of the polygon defined by the points $A(0, 0)$, $B(0, 4)$, $C(7, 7)$ and $D(4, 0)$?
9. What are the perimeter and area of the polygon defined by the points $A(6, 2)$, $B(5, 14)$, $C(14, 6)$ and $D(11, 2)$?
10. What are the perimeter and area of the polygon defined by the points $A(0, 0)$, $B(7, 4)$, $C(8.5, 9.5)$, $D(12, 5)$, $E(25, 5)$, $F(13, 0)$, $G(12.5, -10.5)$ and $H(8, -1)$?