

# Area on the Coordinate Plane #1



Plot, label, and connect the vertices listed for each problem to graph the shape on the coordinate plane. Then find the area of the shape.

$A(4, 8)$ ,  $B(7, 8)$ ,  $C(7, 5)$ ,  $D(4, 5)$

Area = 9 square units

$E(2, -9)$ ,  $F(4, -5)$ ,  $G(6, -9)$

Area = 8 square units

$J(-2, 7)$ ,  $K(-7, 7)$ ,  $L(-7, 9)$

Area = 5 square units

$M(-9, 5)$ ,  $N(2, 5)$ ,  $O(2, 1)$ ,  $P(-9, 1)$

Area = 44 square units

$Q(-3, -4)$ ,  $R(-4, -8)$ ,  $S(-9, -8)$ ,  $T(-8, -4)$

Area = 20 square units

$W(4, 0)$ ,  $X(4, 3)$ ,  $Y(10, 3)$ ,  $Z(10, -3)$

Area = 27 square units

