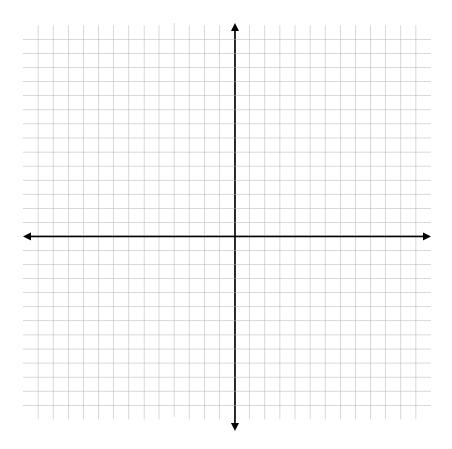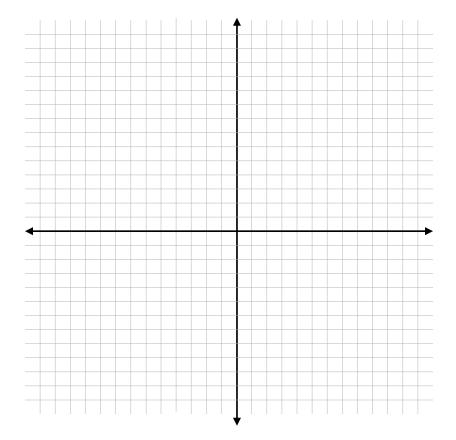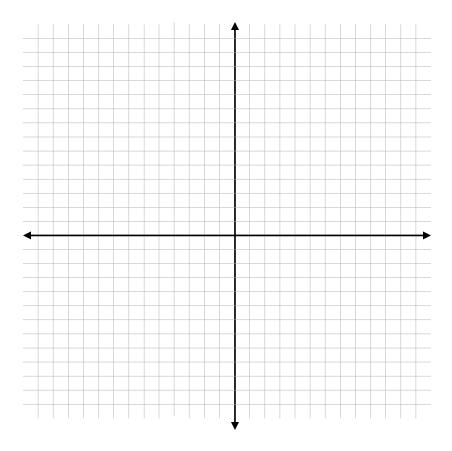# 6-5 Coordinate Geometry Practice

EX 1) Determine whether a quadrilateral with vertices $W(-2, -1)$, $X(6, -1)$, $Y(5, 3)$, $Z(-1, 3)$ is a parallelogram. If so, determine whether the parallelogram is a rectangle, rhombus or square. Give <u>all</u> names that apply.

EX 2) Determine whether a ***parallelogram*** with vertices $A(-5, 2)$, $B(4, 5)$, $C(6, -1)$, $D(-3, -4)$ is a rectangle, rhombus or square. Give <u>all</u> names that apply.

6-5 Coordinate Geometry Practice

EX 3) Use the **diagonals** to determine whether a *parallelogram* with vertices $K(-5, -1)$, $L(-2, 4)$, $M(3, 1)$, $N(0, -4)$ is a rectangle, rhombus or square. Give <u>all</u> names that apply.

EX 4) Determine whether a quadrilateral with vertices $P(-4, 6)$, $Q(2, 5)$, $R(3, -1)$, $S(-3, 0)$ is a rectangle, rhombus or square. Give <u>all</u> names that apply.