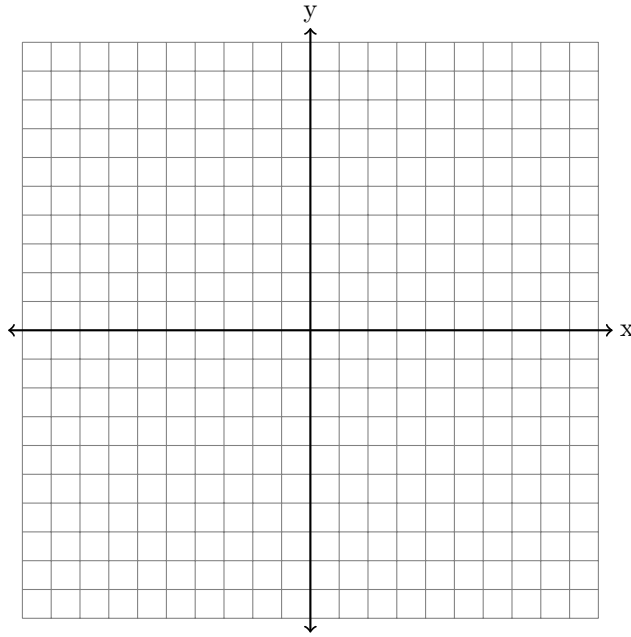
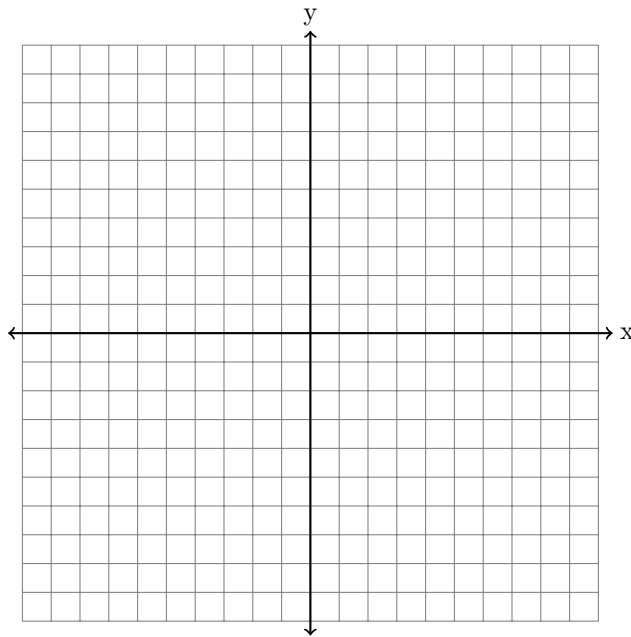


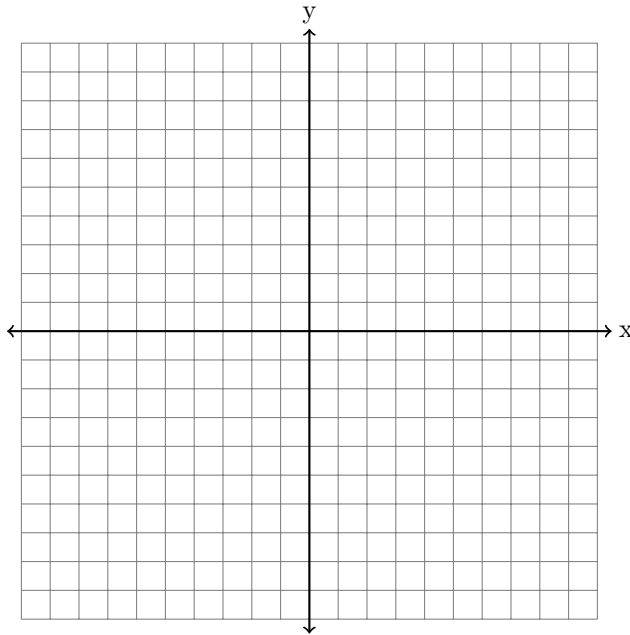
1. Given the graph below, if the coordinates of a triangle are $O(8, 6)$, $N(0, 0)$, and $Y(-3, 4)$, prove ONY is a right triangle.



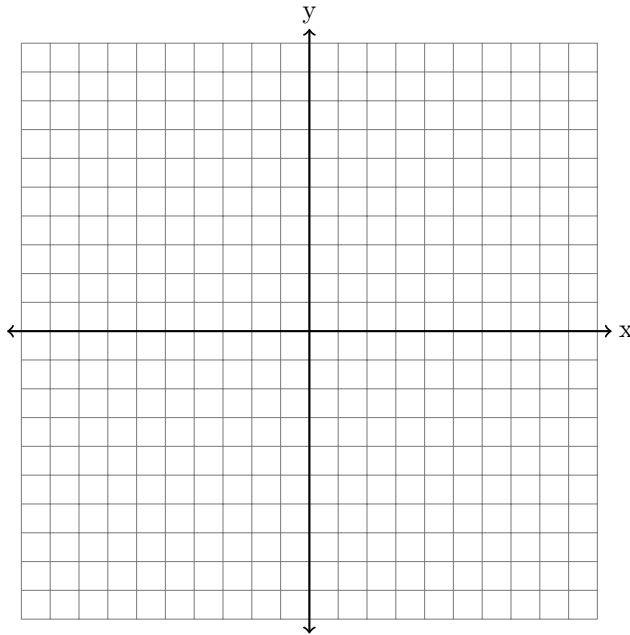
2. Given the graph below, if the coordinates of a triangle are $S(-8, 6)$, $C(0, 0)$, and $H(-3, -4)$, prove SCH is a right triangle.



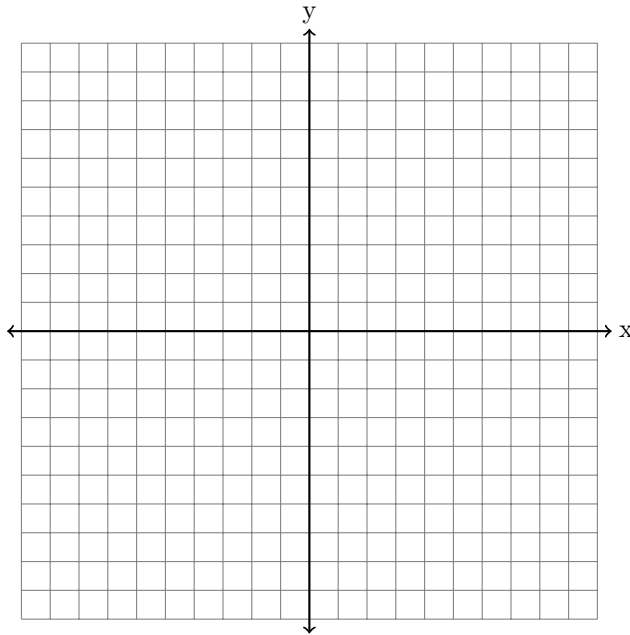
3. Given the graph below, if the coordinates of a triangle are $E(-10, 6)$, $K(0, 0)$, and $U(-3, -5)$, prove EKU is a right triangle.



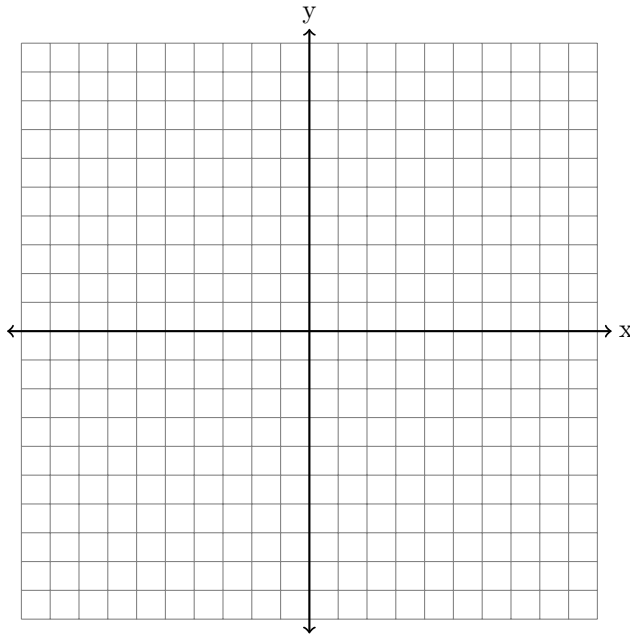
4. Given the graph below, if the coordinates of a triangle are $K(-6, -10)$, $S(0, 0)$, and $L(5, -3)$, prove KSL is a right triangle.



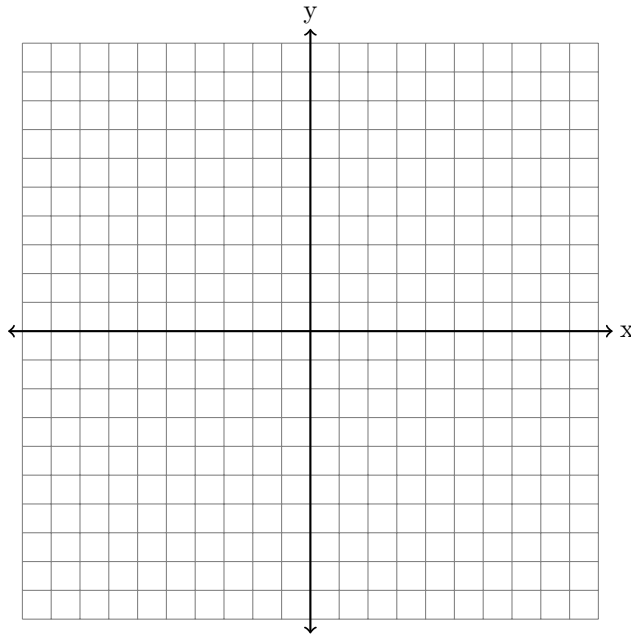
5. Given the graph below, if the coordinates of a quadrilateral are $X(2, 8)$, $T(0, 0)$, $G(-4, 1)$, and $F(-2, 9)$, prove $XTGF$ is a rectangle.



6. Given the graph below, if the coordinates of a quadrilateral are $D(-8, -6)$, $A(0, 0)$, $X(3, -4)$, and $E(-5, -10)$, prove $DAXE$ is a rectangle.



7. Given the graph below, if the coordinates of a quadrilateral are $C(8, 2)$, $K(0, 0)$, $F(-1, 4)$, and $T(7, 6)$, prove $CKFT$ is a rectangle.



8. Given the graph below, if the coordinates of a quadrilateral are $T(-10, -8)$, $Z(0, 0)$, $K(4, -5)$, and $E(-6, -13)$, prove $TZKE$ is a rectangle.

