Proving Quadrilaterals

Distance d =
$$\sqrt{(y_1 - y_2)^2 + (x_1 - x_2)^2}$$

Midpoint $\left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2}\right)$
Slope = m = $\frac{y_1 - y_2}{x_1 - x_2}$



