

MAT 155P – PreCalculus Mathematics Plus Common Formulas
(Updated 8/8/17)

Distance and Midpoint Formulas

Distance, d , between two endpoints (x_1, y_1) and (x_2, y_2) is given by

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

Midpoint of the line segment with Endpoints (x_1, y_1) and (x_2, y_2) is given by

$$\left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right)$$