

The Distance Formula

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

1. Find the distance between each pair of points.

a) (10,1) and (2,8)

b) (-1,-5) and (3,-3)

2. Determine whether $\triangle ABC$ is a right triangle with vertices:

A (-1, 0)

B (7, 4)

C (-3, 2)

