

What is the distance between points (3, 1) and (0, -5)? Round to the nearest tenth.

$$\text{Distance is: } d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$
$$d = \sqrt{(0 - 3)^2 + (-5 - 1)^2} = \sqrt{9 + 36} = \sqrt{45} = 3\sqrt{5}$$