$$\sqrt{33}$$

Find the distance d(P2, P1) between the points P2=(0,1) and P1=(4,5)

$$\sqrt{34}$$

$$4\sqrt{2}$$

$$\sqrt{35}$$

Solution

The distance =
$$\sqrt{(5-1)^2 + (4-0)^2}$$

The distance =
$$\sqrt{(4)^2 + (4)^2}$$

$$= \sqrt{16+16}$$
$$= 4\sqrt{2}$$