5. Find the distance d(P2, P1) between the points P2=(2,-2) and P1=(-1,3)

$\sqrt{35}$

6

$\sqrt{34}$

$\sqrt{37}$

Solution

The distance $= \sqrt{(3--2)^2 + (-1-2)^2}$

The distance $= \sqrt{(5)^2 + (-3)^2}$

$= \sqrt{25+9}$

$= \sqrt{34}$