Determine the distance between the following pair of points:

\((-2,5), (4,-3)\)

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

\[
d = \sqrt{(4 - (-2))^2 + (-3 - 5)^2}
\]

\[
d = \sqrt{6^2 + (-8)^2}
\]

\[
d = \sqrt{36 + 64}
\]

\[
d = \sqrt{100}
\]

\[
d = 10
\]