Quick Test - Pythagoras line segments

1. P is the point with coordinates (5, -1).
Q is the point with coordinates (-3, -6)
Calculate the **exact** length of PQ.

2. X is the point with coordinates (-3, -6).
Y is the point with coordinates (7, -1)
Calculate the **exact** length of XY.

3. L is the point with coordinates (-9, 10).
M is the point with coordinates (1, -16)
Calculate the length of LM.
Give your answer correct to 3 decimal places.