

Quiz 11 (Pretend)

For the problems below use the points in \mathbb{R}^2 which are $(1, 3), (2, 4), (3, 6), (4, 8), (5, 9)$.

1. Find the line of best fit using a least squares solution.
2. Find the expected y -value of the point with x -value $x = 3$.
3. Find the distance from the point $(2, 4)$ to the line of best fit.