1. Solve the linear inequation
   \[5x + 3 \leq -4(1 - 2x)\]

2. What are the gradient and \(y\)-intercept of the graph with equation \(5x - 3y - 6 = 0\)?

3. Find the gradient of the straight line passing through the points \((-3, 8)\) and \((5, -2)\).

4. Find the distance between the points \((10, -3)\) and \((-2, 6)\).
5 Sketch the graph with equation
\[ 2y - 6x - 12 = 0 . \]

6 What is the point of intersection of the following two lines?
\[ 3x + 2y = -10 \]
\[ x + 4y = 5 \]

7 Find the equation of the line that has a gradient of \(-3\) and passes through the midpoint of the segment joining \((5, -4)\) and \((1, 0)\).