

Sketching Inequalities:

Examples

1. L_1 has equation $y = 12 + 4x$. L_2 has equation $y = x^2$.

The diagram shows a sketch of L_1 and L_2 on the same axes.

a) Find the coordinates of P_1 and P_2 , the points of intersection.

b) Hence write down the solution to the inequality

$$12 + 4x > x^2.$$

