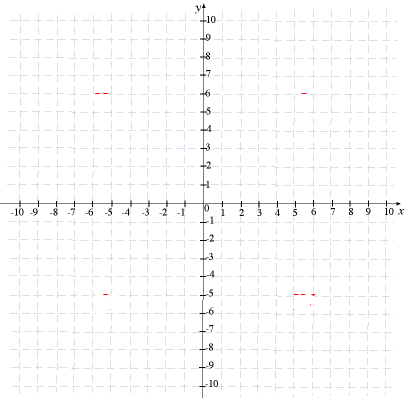
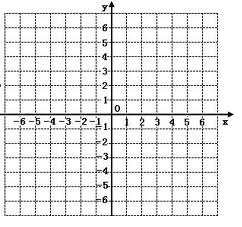
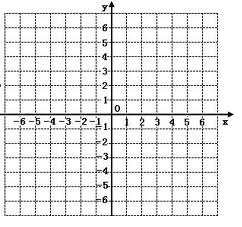
IGCSE1 math worksheet1: Linear programming Name:

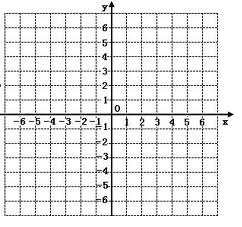
1. Draw the graphs for each of the following in the coordinate system
2. y=x (2) y=2x-1 (3) y=-x-1 (4) 2x+y=3



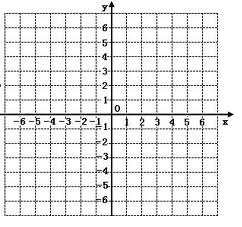
1. Graphing the inequality for each one, shade the part satisfies the inequality.
2. (2) (3)

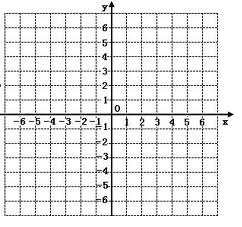


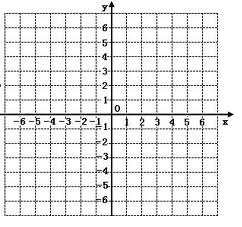




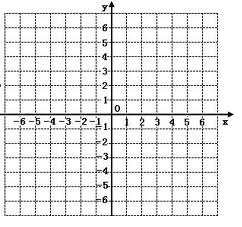
(4) (5) (6)



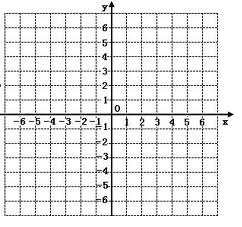


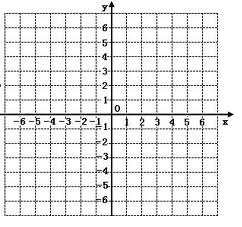


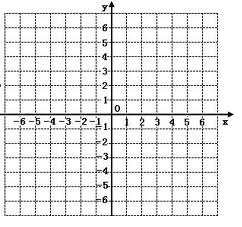
1. Graphing the simultaneous inequalities in a coordinate systems, shade the required part.



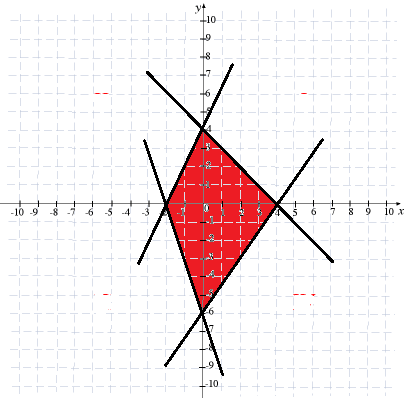
1. (3) (4)







1. Find the inequalities represented by the shaded part.



1. Linear programming.
2. Max (2) Min y-2x (3) Max x+y

s.t. s.t. s.t.

