



Topic: Solving Simultaneous Linear Equations By Graphical Method

Q1: Find the solutions of the given simultaneous equations graphically.

a) $x + y = 7$ b) $5x - 4y = 40$
 $x - y = 3$ $x + 4y = -16$

Q2: Solve the simultaneous equations graphically.

$x + y = 6$

x	-1	1	2	3
y				

$x - y = -4$

x	-1	1	2	3
y				

Q3: Draw the graph of the equations on the set of axes.

a) Copy and complete the following table.

$3x - y = 5$					$x + y = -1$				
x	-1	1	3	-3	x	-1	0	1	3
y					y				

b) Write down the coordinates of the point of intersection of the two graphs. _____.

Q4: Solve the simultaneous equations graphically.

$y = x + 1$

x	-2	0	2
y			

$2x + y = -2$

x	-2	0	2
y			

