

Graphing Linear Equations

Graph the following on each set of axis. The first one has been done for you with working.

Question 1

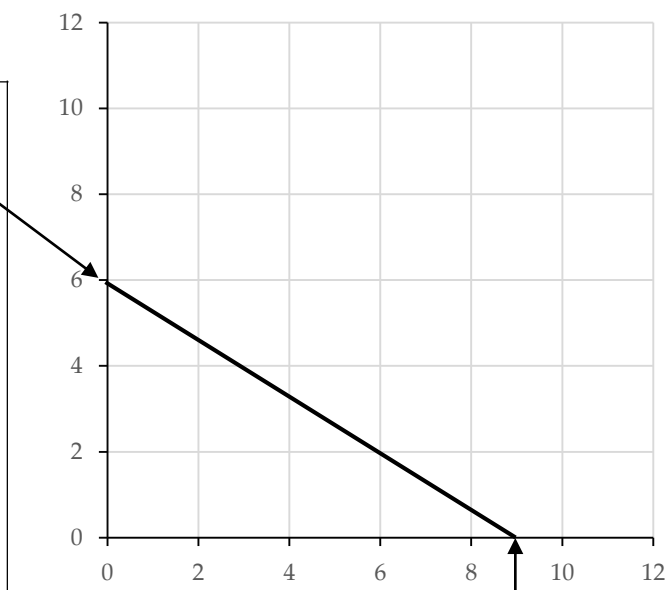
a) $2x + 3y = 18$

$x = 18 \div 2 = 9$

$y = 18 \div 3 = 6$

b) $4x + 5y = 40$

c) $9x + 2y = 18$

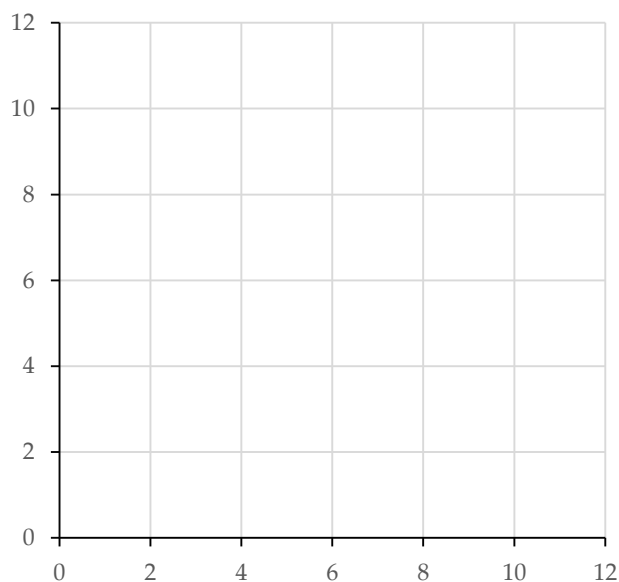


Question 2

a) $5x + 3y = 15$

b) $2x + 5y = 20$

c) $4x + 4y = 16$

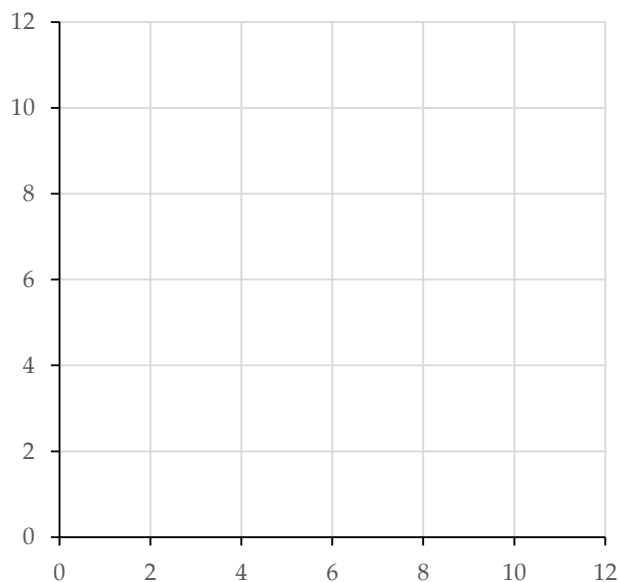


Question 3

a) $9x + 6y = 54$

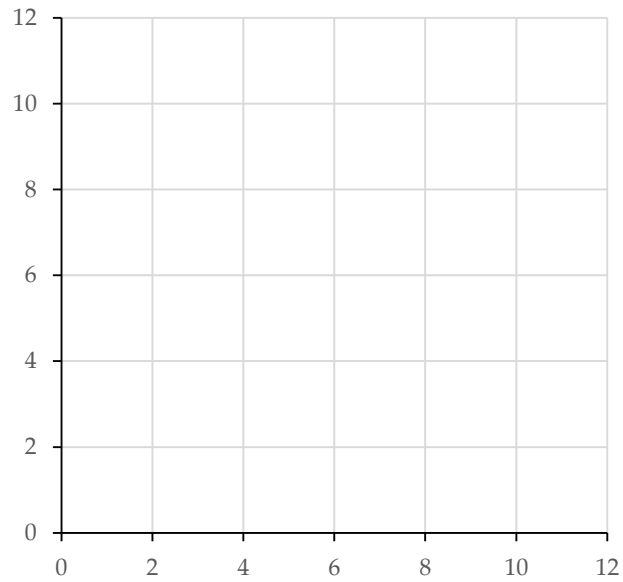
b) $6x + 6y = 42$

c) $7x + 6y = 42$



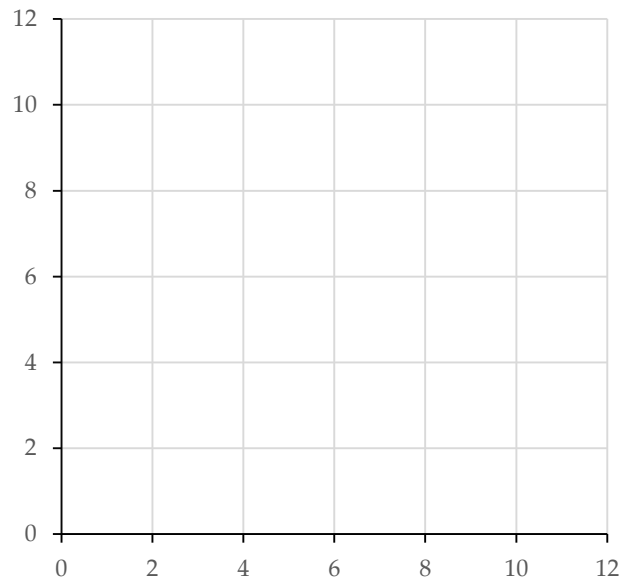
Question 4

- a) $4x + 2y = 20$
- b) $3x + 9y = 18$
- c) $2x + 8y = 16$
- d) $y = 6$
- e) $x = 1$



Question 5

- a) $2x + 6y = 18$
- b) $4x + 8y = 24$
- c) $4x + 4y = 32$
- d) $y = 7$
- e) $x = 4$



Question 6

- f) $7x + 14y = 28$
- g) $3x + 3y = 15$
- h) $6x + 8y = 48$
- i) $y = 4$
- j) $x = 3$

