

Draw and recognise graphs of the form $y = kx$



Draw and recognise graphs of the form $y = kx$

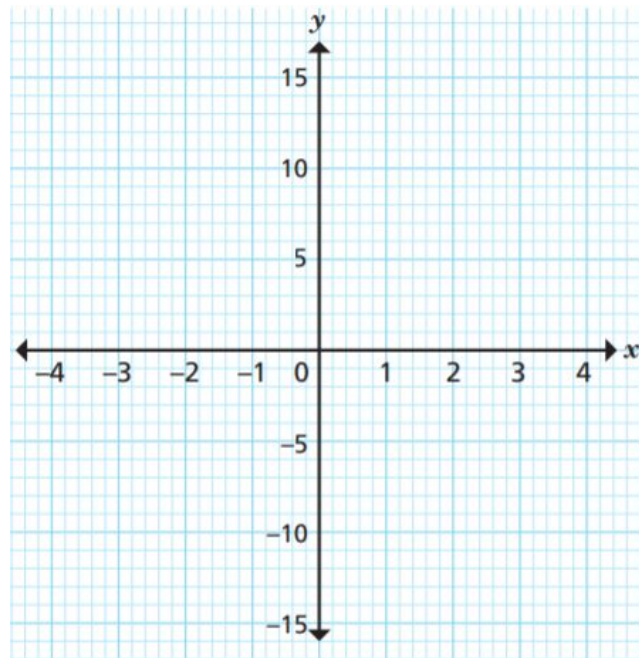
1. a) Complete the table of values for $y = 4x$

y	-2	-1	0		2	
x	-8			4		12

b) Write the values in the table as coordinates.

$(-2, -8), (\quad, \quad), (\quad, \quad), (\quad, \quad), (\quad, \quad), (\quad, \quad)$

c) Plot the graph of $y = 4x$



Draw and recognise graphs of the form $y = kx$

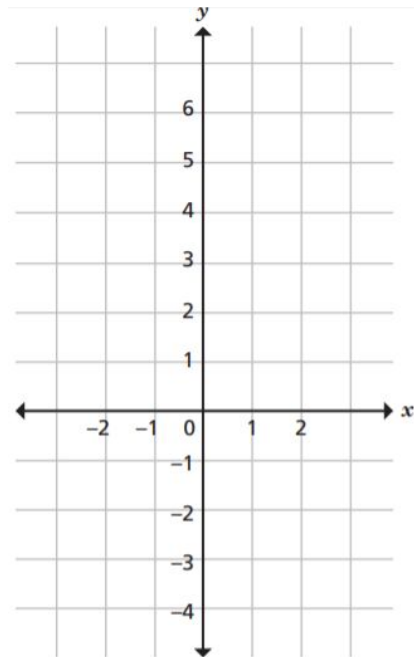
2. a) Complete the table of values for $y = -x$

y	-2	-1	0		2	
x	2			-1		-3

b) Write the values in the table as coordinates.

$(-2, 2), (\quad , \quad), (\quad , \quad), (\quad , \quad), (\quad , \quad), (\quad , \quad)$

c) Plot the graph of $y = -x$



Answers



Draw and recognise graphs of the form $y = kx$

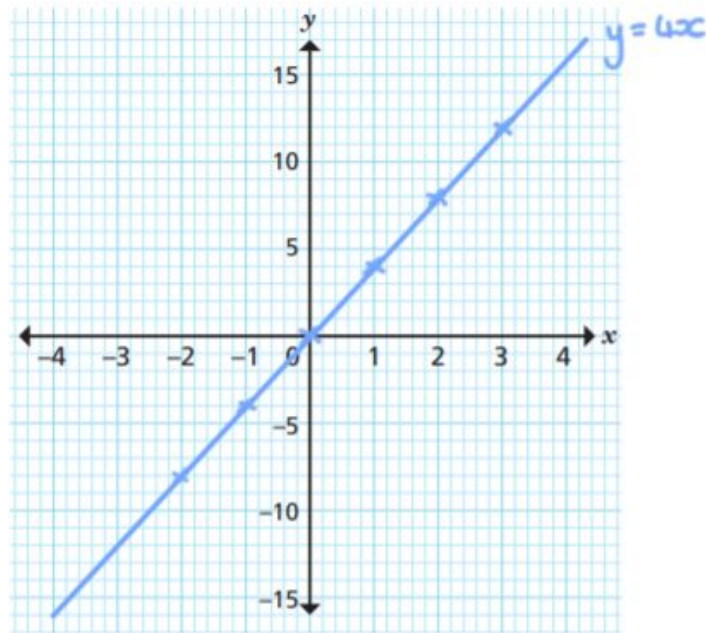
1. a) Complete the table of values for $y = 4x$

y	-2	-1	0	1	2	3
x	-8	-4	0	4	8	12

b) Write the values in the table as coordinates.

$(-2, -8), (-1, -4), (0, 0), (1, 4), (2, 8), (3, 12)$

c) Plot the graph of $y = 4x$



Draw and recognise graphs of the form $y = kx$

2. a) Complete the table of values for $y = -x$

y	-2	-1	0	1	2	3
x	2	1	0	-1	-2	-3

b) Write the values in the table as coordinates.

$(-2, 2)$, $(-1, 1)$, $(0, 0)$, $(1, -1)$, $(2, -2)$, $(3, -3)$

c) Plot the graph of $y = -x$

