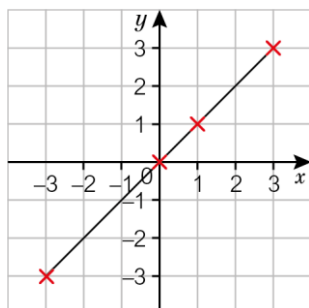


Recognise and plot lines $y = kx$ and $y = -kx$

Support

1 a, b



c $y = x$

d Any one of $(-2, -2)$, $(-1, -1)$, $(2, 2)$

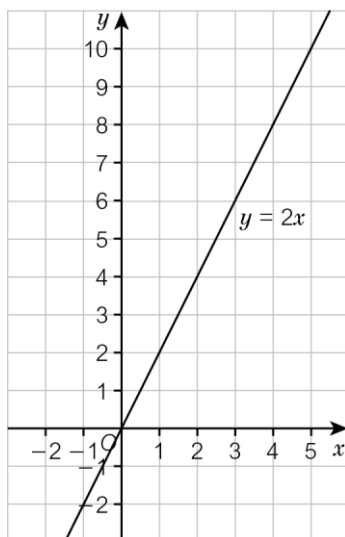
Core

2 a

x	0	1	2	3	4
y	0	2	4	6	8

b $(0, 0)$, $(1, 2)$, $(2, 4)$, $(3, 6)$, $(4, 8)$

c



d $y = 12$

3 **A:** $y = 6x$; **B:** $y = -6x$; **C:** $y = -2x$

4 a e.g. $(4, -4)$, $(-1, 1)$ and $(0, 0)$

b e.g. $(1, 2)$, $(4, 4)$ and $(3, -1)$

Answers

5 a

x	0	1	2	3	4	5
y	0	3	6	9	12	15

b The y -values go up by **3** each time.

c Yes, as $8 \times 3 = 24$

Depth

6 90°