

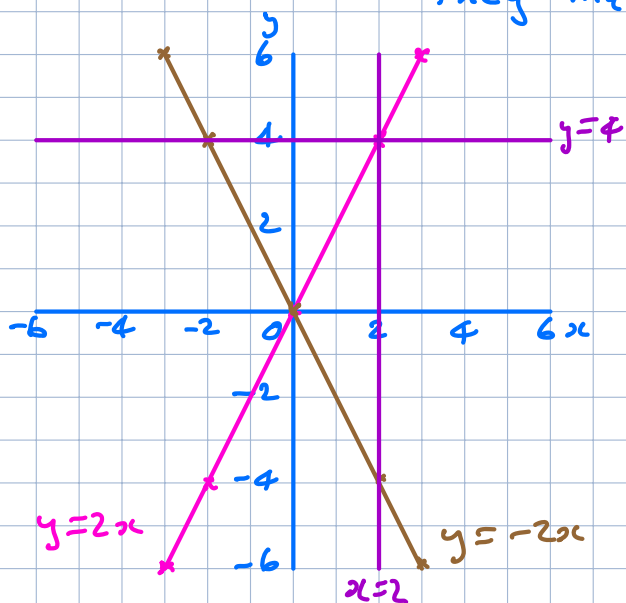
$$y = x + 2$$

x	-6	-4	-2	0	2	4	6
y	-4	-2	0	2	4	6	8

$$y = x - 3$$

x	-6	-4	-2	0	2	4	6
y	-9	-7	-5	-3	-1	1	3

These lines are parallel because they both have gradient equal to 1
They make an angle of 45° with each axis



$$y = 2x$$

x	-6	-4	-2	0	2	4	6
y	-12	-8	-4	0	4	8	12

$$y = -2x$$

x	-6	-4	-2	0	2	4	6
y	12	8	4	0	-4	-8	-12

$$y = 4$$

$$x = 2$$