

## Equation of a line

For each question below

- (a) Copy and complete the table for the given line
- (b) Draw the line on a coordinate graph
- (c) Write down the gradient of the line

1.  $y = x + 5$

x	3	0	-2
y			

2.  $y = x - 3$

x	7	0	-3
y			

3.  $y = 2x$

x	5	1	-4
y			

4.  $y = 4x$

x	1	0	-2
y			

5.  $y = 2x - 5$

x	4	0	-1
y			

6.  $y = 3x + 1$

x	3	0	-3
y			

7.  $y = 4 + 4x$

x	1	-1	-3
y			

8.  $y = 3 - 2x$

x	5	0	-3
y			

9.  $y = -x + 5$

x	3	0	-2
y			

10.  $y = -x - 4$

x	-2	0	-4
y			

11.  $y = -2x$

x	5	0	-4
y			

12.  $y = -3x - 1$

x	3	0	-4
y			

13.  $y = -4x - 1$

x	2	0	-2
y			

14.  $y = -3x + 7$

x	5	0	-1
y			

15.  $y = -3x + 8$

x	4	0	-1
y			

16.  $y = -2x - 5$

x	1	0	-4
y			

17.  $y = \frac{1}{2}x + 3$

x	4	0	-6
y			

18.  $y = \frac{1}{4}x - 5$

x	8	0	-4
y			

19.  $y = -\frac{1}{3}x + 6$

x	9	0	-6
y			

20.  $y = -\frac{3}{4}x + 1$

x	4	0	-8
y			