

Equation of a Line S1-S3, National 4

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			