Answers Sheet

Equation of a Line

1.

a) 5

b) $y = 2x + 1$

---

2. $y = 3x + 5$

---

3. $y = 2x – 6$

4.

a) -2

b) (0, 4)

5.

a) 4

b) (0, -1)

6.

a) -1

b) (0, 8)

7.

a) 5

b) (0, 4)

---

8. $y = -2x + 7$

9.

a) $3y - 9x = 6$
$y - 3x = 2$
$y = 3x + 2$
3

b) $y = 3x + 1$

10.

a) $2y - 5x = 8$
$y - (5 / 2)\, x = 4$
$y = (5 / 2)\, x + 4$
(5 / 2) Gradient

b) $y = (5 / 2)\, x + 1$

11.

a) $x + 4y = 8$
$4y = -x + 8$
$y = -x / 4 + 2$

b) –1 / 4 Gradient

c) $y = -x / 4 + 5$

---

12. $y = x + 4$

13.

Equation	**A**	**B**	**C**	**D**
Straight line	M	N	L	P
