

2. Find the gradients of each of the following lines.

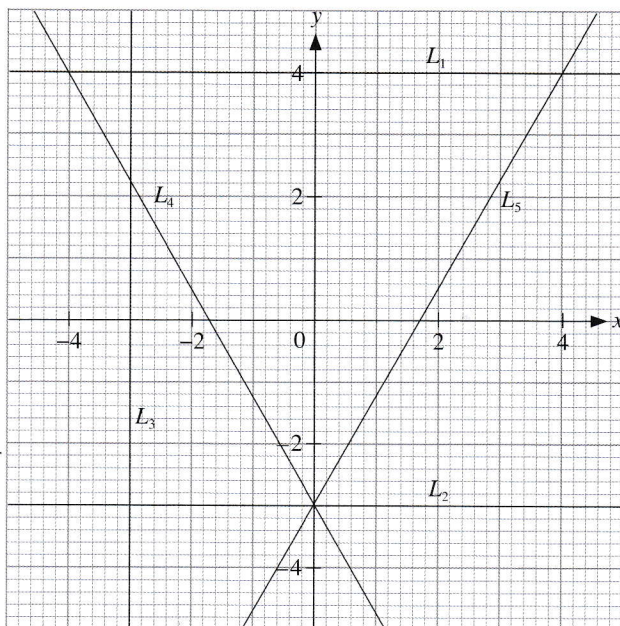
(a) L_1

(b) L_2

(c) L_3

(d) L_4

(e) L_5



3. On a sheet of graph paper, draw each of the lines with the following equations.

(a) $y = \frac{1}{2}$

(b) $y = -4$

(c) $y = -1\frac{1}{2}$

(d) $y = 0$

4. On a sheet of graph paper, draw each of the lines with the following equations.

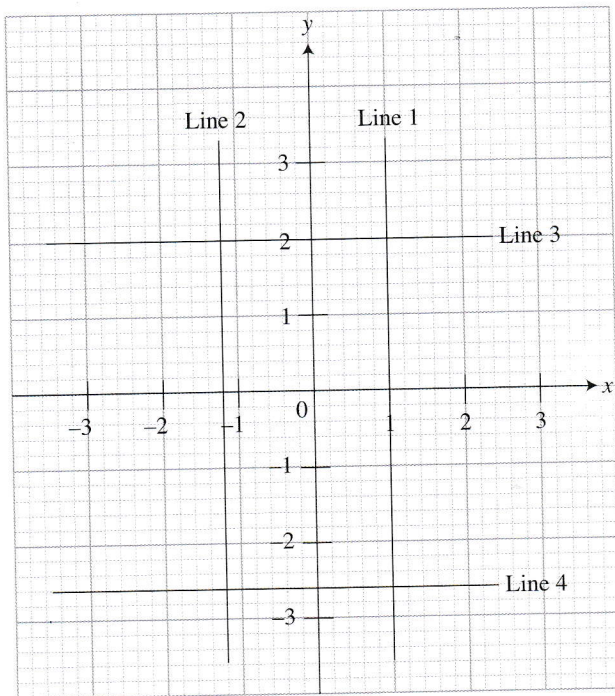
(a) $x = 2$

(b) $x = -3$

(c) $x = -\frac{1}{2}$

(d) $x = 0$

5.



- (i) Write down the equation of each of the given lines.
 (ii) Find the area enclosed by the lines.

6. Using the graphical method, solve each of the following pairs of simultaneous equations.

(a) $y = x + 2$

$y = -2x + 2$

(c) $3x + y = 13$

$5x - y = 35$

(b) $8x + 3y = 7$

$2x + y = 2$

(d) $5x - 3y = 23$

$x - 7y = 11$

7. Using the elimination method, solve each of the following pairs of simultaneous equations.

(a) $x + y = 7$

$x - y = 3$

(c) $x + 3y = 7$

$x + y = 3$

(e) $3x - 4y = 30$

$2x - 7y = 33$

(b) $5x - 4y = 18$

$3x + 2y = 13$

(d) $3x - 5y = 19$

$5x + 2y = 11$