



1. The equation of x-axis is

- (i) $x=1$ (ii) $x=0$ (iii) $y=0$ (iv) $y=x$ (v) $y=1$

2. The equation of y-axis is

- (i) $y=x$ (ii) $x=1$ (iii) $y=0$ (iv) $x=0$ (v) $y=1$

3. Any line parallel to x-axis is

- (i) an oblique line (ii) a vertical line (iii) a curved line (iv) a horizontal line

4. Any line parallel to y-axis is

- (i) an oblique line (ii) a curved line (iii) a horizontal line (iv) a vertical line

5. A line which is neither parallel to x-axis nor y-axis is

- (i) an oblique line (ii) a vertical line (iii) a horizontal line (iv) a curved line

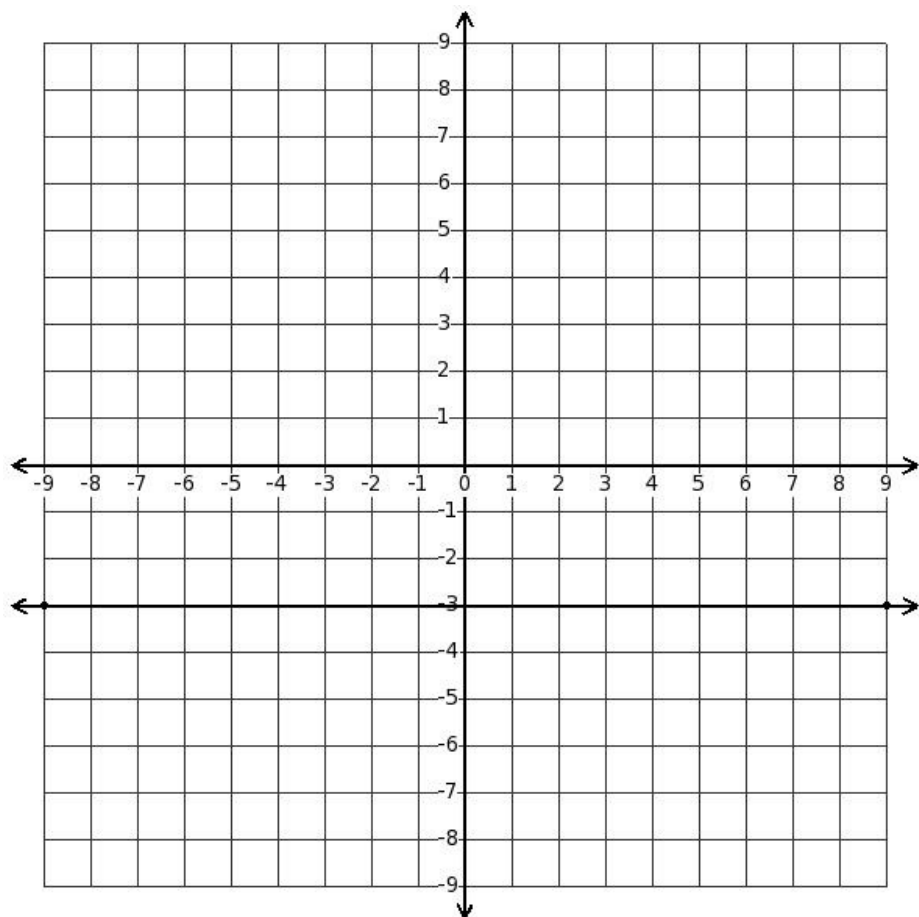
6. Equation of a straight line which is parallel to x-axis (where k is a constant) is

- (i) $y=k$ (ii) $x=0$ (iii) $x=y$ (iv) $x=k$ (v) $y=0$

7. Equation of a straight line which is parallel to y-axis (where k is a constant) is

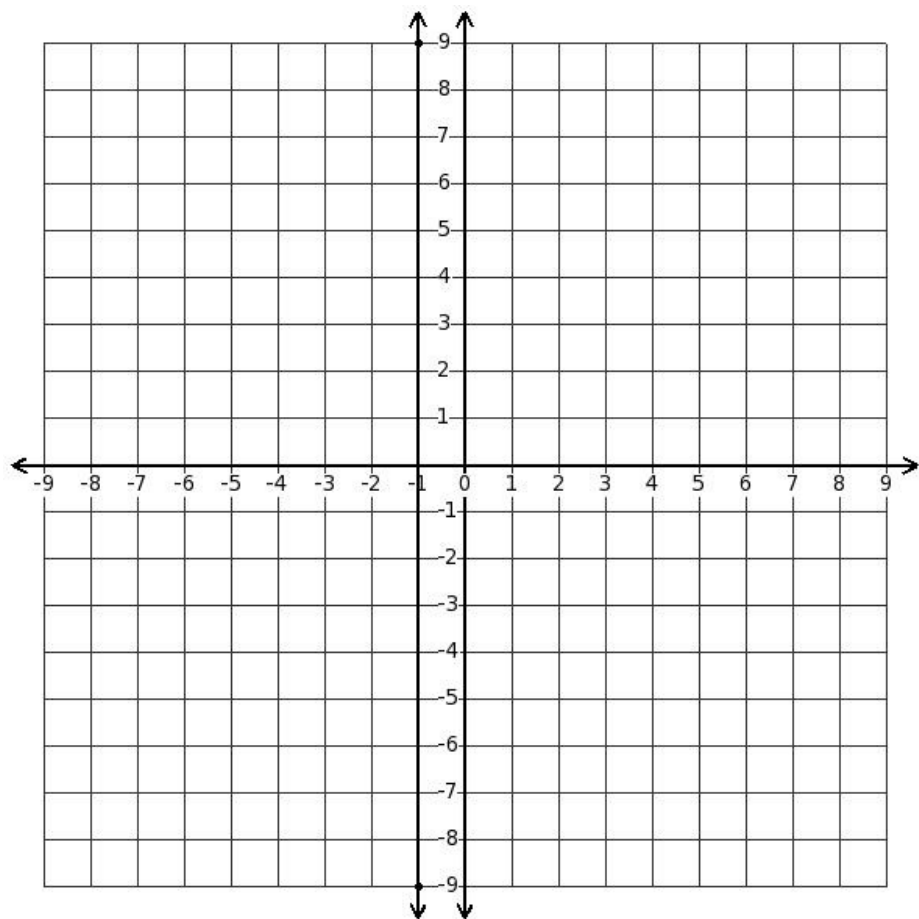
- (i) $x=k$ (ii) $y=k$ (iii) $x=0$ (iv) $x=y$ (v) $y=0$

8. Find the equation of the displayed line



- (i) $y = (-3)$ (ii) $y = (-2)$ (iii) $y = (-4)$ (iv) $x = (-3)$ (v) $3y = (-3)$

9. Find the equation of the displayed line



- (i) $4x = (-1)$ (ii) $y = (-1)$ (iii) $x = (-1)$ (iv) $x = 0$ (v) $x = (-2)$

10. The equation of the x-axis is

- a) $y=0$
- b) $x=0$
- c) $x=y$
- d) $x=1$
- e) $y=1$

(i) $\{c,a\}$ (ii) $\{b,a\}$ (iii) $\{d,e,a\}$ (iv) $\{a\}$

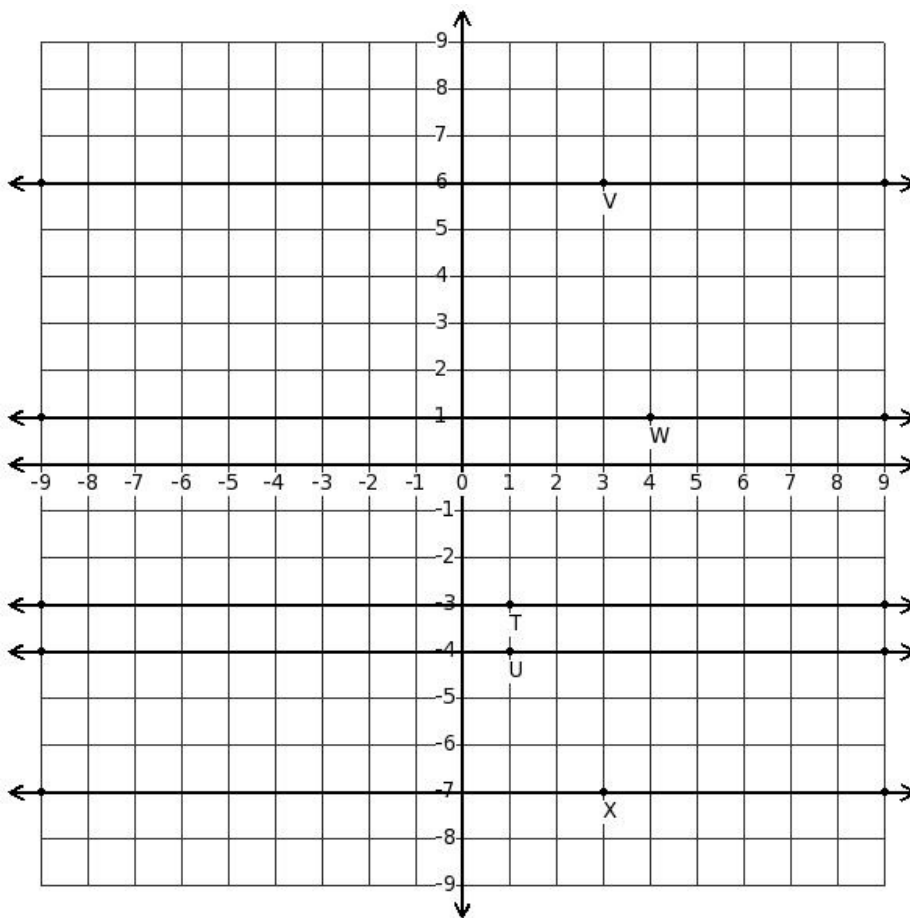
11. Find the equation of a straight line parallel to x-axis and passing through the point $((-4),(-2))$

- (i) $y=0$ (ii) $x=(-2)$ (iii) $y=(-2)$ (iv) $y=(-3)$ (v) $x=(-4)$

12. Find the equation of a straight line parallel to y-axis and passing through the point $((-1),2)$

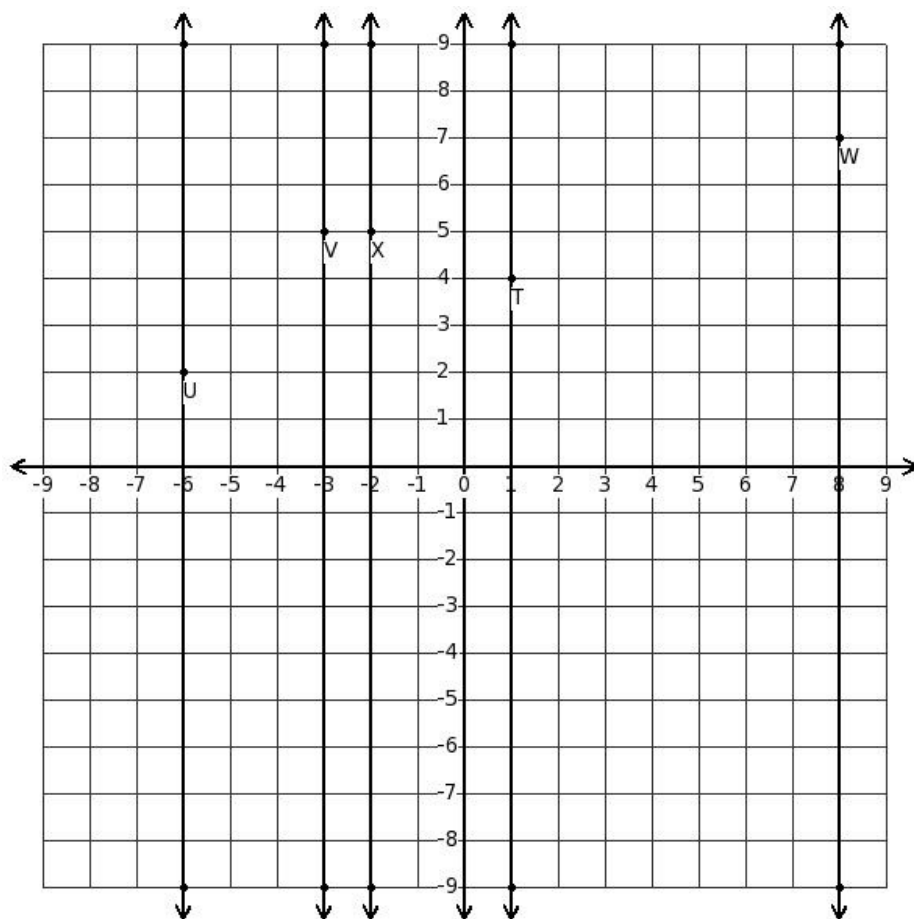
- (i) $x=1$ (ii) $y=5$ (iii) $x=(-1)$ (iv) $y=2$ (v) $x=(-2)$

13. Which of the displayed lines represent the equation $y=(-3)$



- (i) line with point V (ii) line with point T (iii) line with point X (iv) line with point W (v) line with point U

14. Which of the displayed lines represent the equation $x = 1$



- (i) line with point V (ii) line with point T (iii) line with point U (iv) line with point W (v) line with point X

Assignment Key

1) (iii)

2) (iv)

3) (iv)

4) (iv)

5) (i)

6) (i)

7) (i)

8) (i)

9) (iii)

10) (iv)

11) (iii)

12) (iii)

13) (ii)

14) (ii)

Copyright © Small Systems Computing Pvt. Ltd.