1. The equation of x-axis is

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

2. The equation of y-axis is

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

3. Any line parallel to x-axis is

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

4. Any line parallel to y-axis is

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

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

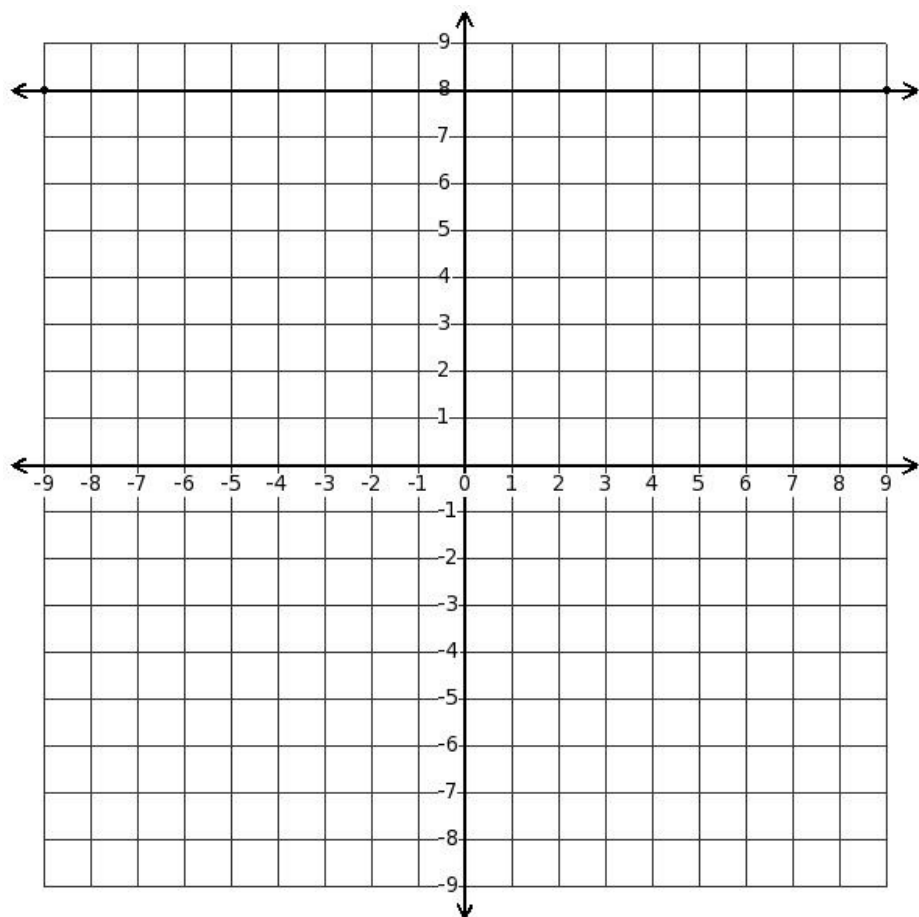   (i) a vertical line (ii) a curved line (iii) a horizontal line (iv) an oblique line

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

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

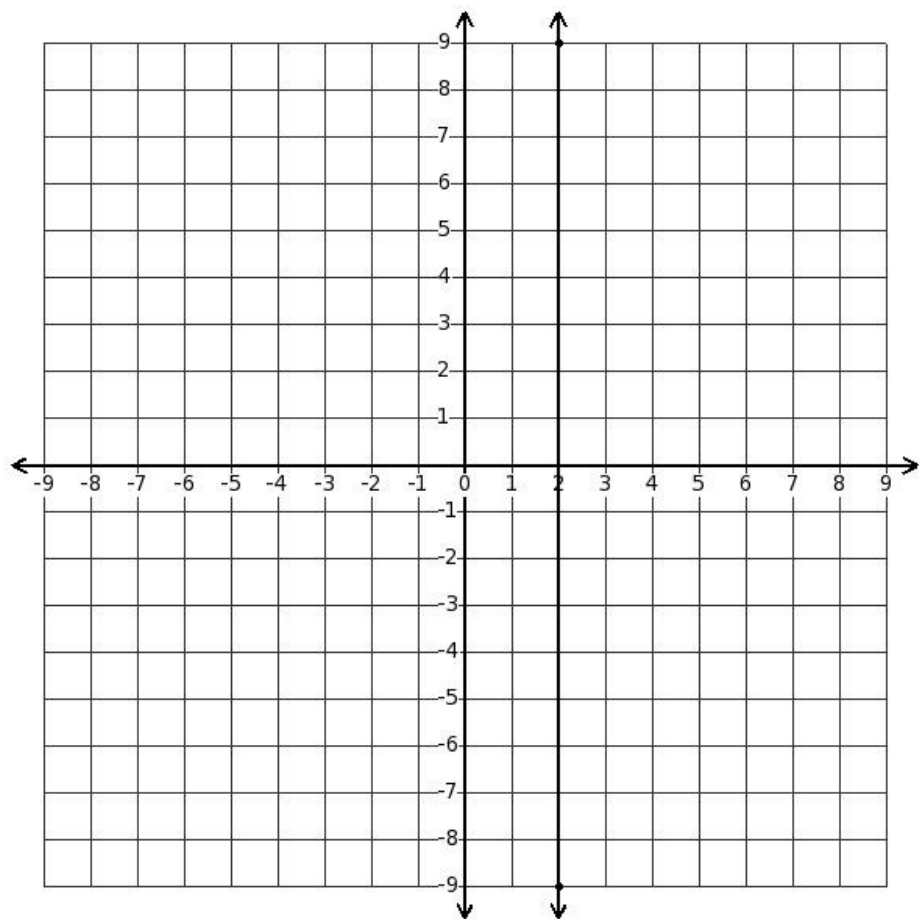7. Equation of a straight line which is parallel to y-axis (where k is a constant) is

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

8. Find the equation of the displayed line

(i) $y=7$ (ii) $y=9$ (iii) $y=8$ (iv) $3y=8$ (v) $x=8$

9. Find the equation of the displayed line

(i) $y=2$ (ii) $3x=2$ (iii) $x=3$ (iv) $x=1$ (v) $x=2$

10. The equation of the x-axis is

   a) $x=0$
   b) $y=0$
   c) $x=1$
   d) $y=1$
   e) $x=y$
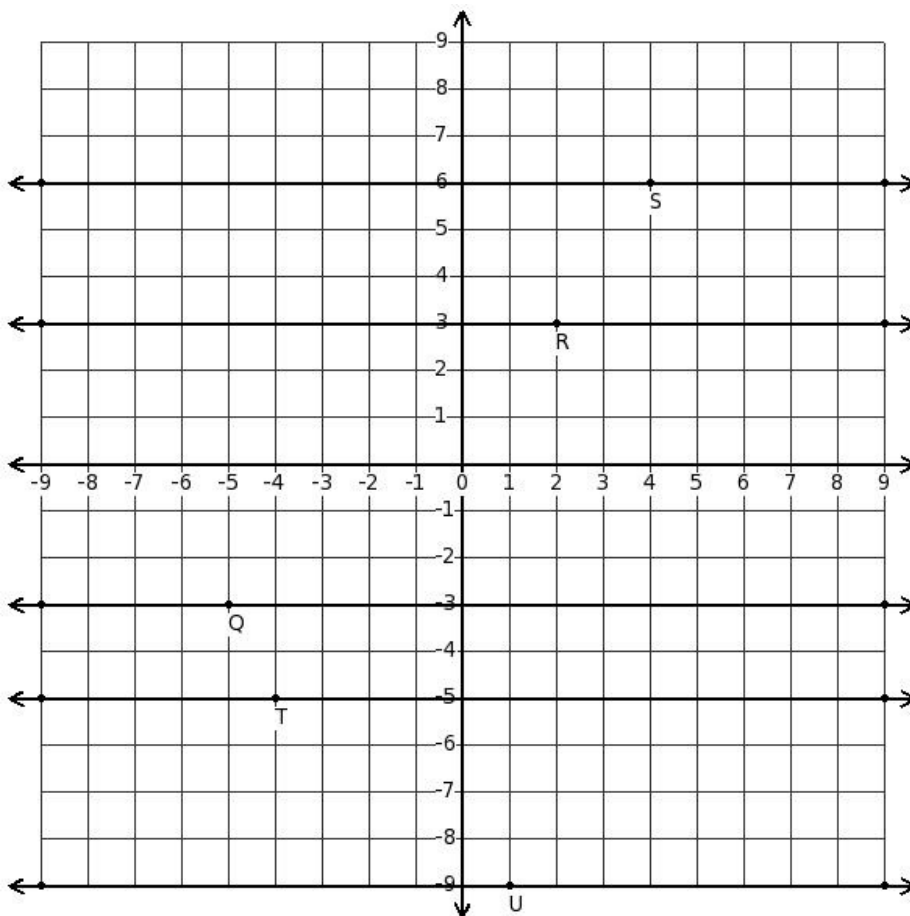
   (i) {b} (ii) {c,b} (iii) {d,e,b} (iv) {a,b}

11. Find the equation of a straight line parallel to x-axis and passing through the point $(9,(-8))$

   (i) $x=12$ (ii) $y=(-9)$ (iii) $x=9$ (iv) $y=(-8)$ (v) $y=(-6)$

12. Find the equation of a straight line parallel to y-axis and passing through the point $((-8),9)$
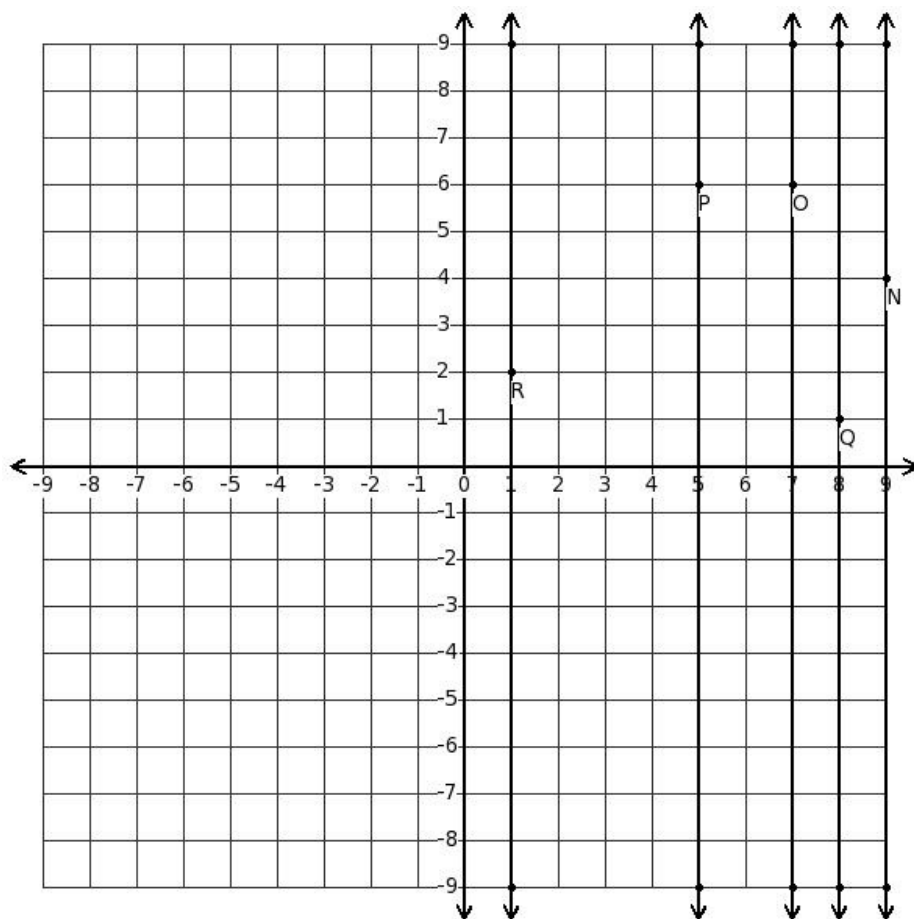
   (i) $y=12$ (ii) $y=9$ (iii) $x=(-5)$ (iv) $x=(-9)$ (v) $x=(-8)$

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

   (i) line with point U (ii) line with point T (iii) line with point Q (iv) line with point S (v) line with point R

14. Which of the displayed lines represent the equation $x = 9$

(i) line with point O (ii) line with point Q (iii) line with point N (iv) line with point P (v) line with point R

Assignment Key

1) (i)	2) (v)	3) (ii)	4) (iv)	5) (iv)	6) (iii)
7) (iii)	8) (iii)	9) (v)	10) (i)	11) (iv)	12) (v)
13) (iii)	14) (iii)				