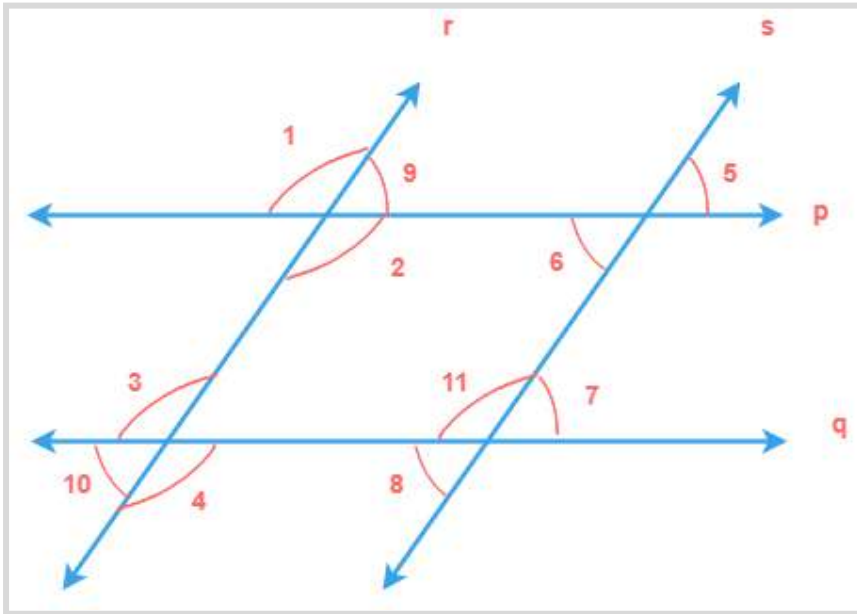


## Lines and Angles

### Multiple choice questions

By observing the figure below, where  $p \parallel q$  and  $r \parallel s$ , choose the correct option for the following questions.



- 1) Which pair of lines are parallel?
  - a) p and q
  - b) p and r
  - c) q and r
  - d) q and s
- 2) Which pair of angles do form vertically opposite angles?
  - a)  $\angle 3$  and  $\angle 7$
  - b)  $\angle 5$  and  $\angle 7$
  - c)  $\angle 1$  and  $\angle 2$
  - d)  $\angle 1$  and  $\angle 3$
- 3) Which pair of angles do form corresponding angles?
  - a)  $\angle 1$  and  $\angle 2$
  - b)  $\angle 2$  and  $\angle 3$
  - c)  $\angle 5$  and  $\angle 7$
  - d)  $\angle 3$  and  $\angle 4$

- 4) Which pair of angles do form alternate interior angles?
- a)  $\angle 2$  and  $\angle 11$
  - b)  $\angle 2$  and  $\angle 4$
  - c)  $\angle 2$  and  $\angle 3$
  - d)  $\angle 6$  and  $\angle 11$
- 5) Which pair of angles does form a linear pair of angles?
- a)  $\angle 1$  and  $\angle 9$
  - b)  $\angle 1$  and  $\angle 5$
  - c)  $\angle 6$  and  $\angle 7$
  - d)  $\angle 3$  and  $\angle 4$
- 6) Which pair of angles do form alternate exterior angles?
- a)  $\angle 5$  and  $\angle 11$
  - b)  $\angle 1$  and  $\angle 2$
  - c)  $\angle 5$  and  $\angle 8$
  - d)  $\angle 5$  and  $\angle 7$
- 7) What is the sum of exterior angles  $\angle 1$  and  $\angle 10$ ?
- a)  $360^\circ$
  - b)  $180^\circ$
  - c)  $270^\circ$
  - d)  $90^\circ$
- 8) What is the sum of interior angles  $\angle 6$  and  $\angle 11$ ?
- a)  $90^\circ$
  - b)  $180^\circ$
  - c)  $270^\circ$
  - d)  $360^\circ$
- 9) What is the sum of of linear pair of angles  $\angle 7$  and  $\angle 11$ ?
- a)  $270^\circ$
  - b)  $360^\circ$
  - c)  $90^\circ$
  - d)  $180^\circ$
- 10) When two lines intersect each other at point O, these two lines form
- a) corresponding angles
  - b) vertically opposite angles
  - c) alternate exterior angles
  - d) alternate interior angles