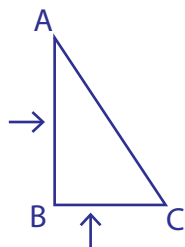


## Parallel and Perpendicular Lines : Shapes

### Part - A

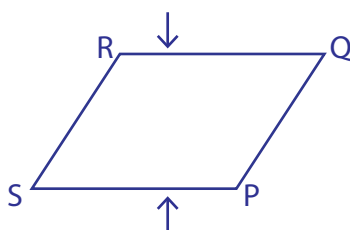
Write a relation between the lines indicated by the arrows in each shape.

1)



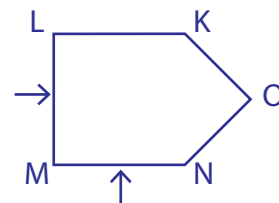
\_\_\_\_\_

2)



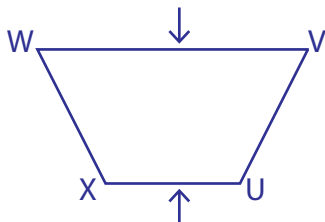
\_\_\_\_\_

3)



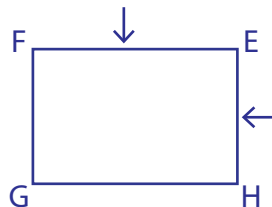
\_\_\_\_\_

4)



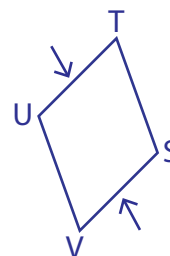
\_\_\_\_\_

5)



\_\_\_\_\_

6)

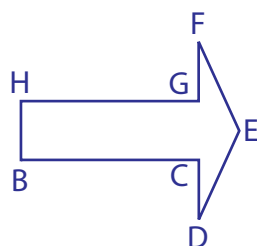


\_\_\_\_\_

### Part - B

Identify the pair of parallel and perpendicular lines in each shape. Name them.

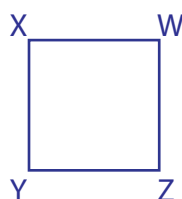
7)



Perpendicular lines: \_\_\_\_\_

Parallel lines: \_\_\_\_\_

8)



Perpendicular lines: \_\_\_\_\_

Parallel lines: \_\_\_\_\_

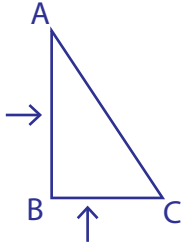
**Parallel and Perpendicular Lines : Shapes**

Sheet 1

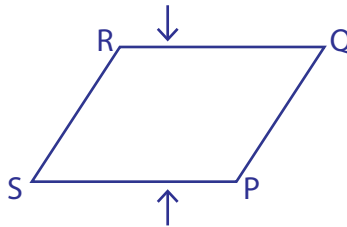
**Part - A**

Write a relation between the lines indicated by the arrows in each shape.

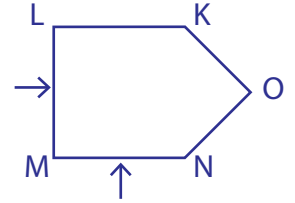
1)

 **$AB \perp BC$** 

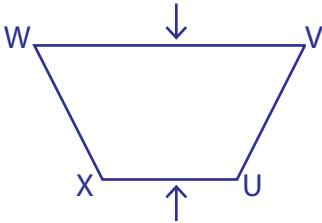
2)

 **$SP \parallel RQ$** 

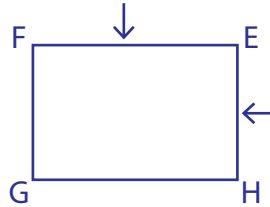
3)

 **$LM \perp MN$** 

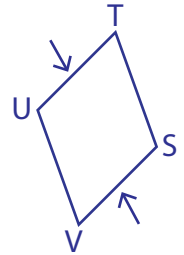
4)

 **$WV \parallel XU$** 

5)

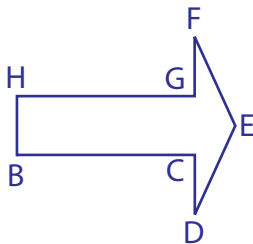
 **$FE \perp EH$** 

6)

 **$VS \parallel UT$** **Part - B**

Identify the pair of parallel and perpendicular lines in each shape. Name them.

7)



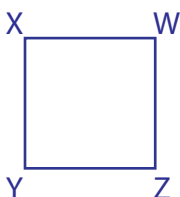
Perpendicular lines:

**Four pairs of perpendicular lines** **$HB \perp BC, BC \perp CD, FG \perp GH$  and  $GH \perp HB$** 

Parallel lines:

**One pair of parallel lines** **$HG \parallel BC$** 

8)



Perpendicular lines:

**Four pairs of perpendicular lines** **$YZ \perp ZW, ZW \perp WX, WX \perp XY$  and  $XY \perp YZ$** 

Parallel lines:

**Two pairs of parallel lines** **$YZ \parallel XW$  and  $ZW \parallel YX$**