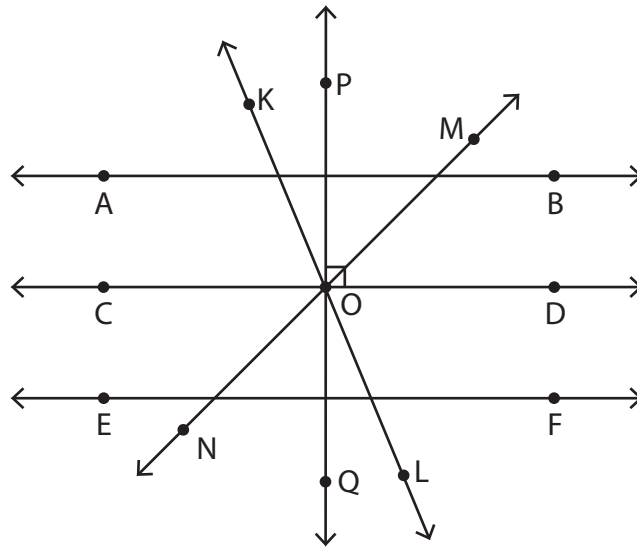


Name : \_\_\_\_\_

## Parallel, Perpendicular and Intersecting Lines

Sheet 1

Read the figure and answer the questions.



1)  $\overleftrightarrow{EF}$  and  $\overleftrightarrow{AB}$  are

a) parallel

b) perpendicular

c) intersecting

2) Is  $\overleftrightarrow{PQ}$  perpendicular to  $\overleftrightarrow{CD}$ ? Justify.

\_\_\_\_\_

3) CD and MN are intersecting lines. Write True or False.

\_\_\_\_\_

4) How many lines are parallel to  $\overleftrightarrow{CD}$ ?

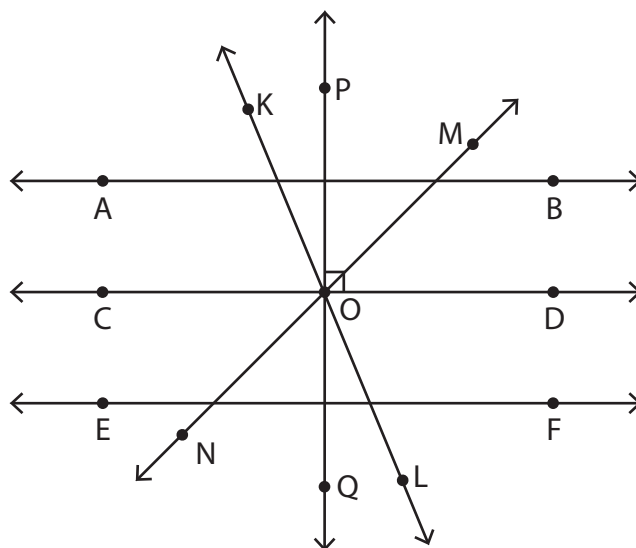
\_\_\_\_\_

5) Name any three pairs of intersecting lines.

\_\_\_\_\_

## Parallel, Perpendicular and Intersecting Lines

Read the figure and answer the questions.



1)  $\overleftrightarrow{EF}$  and  $\overleftrightarrow{AB}$  are

~~a) parallel~~

b) perpendicular

c) intersecting

2) Is  $\overleftrightarrow{PQ}$  perpendicular to  $\overleftrightarrow{CD}$ ? Justify.

**Yes.  $\overleftrightarrow{PQ}$  and  $\overleftrightarrow{CD}$  intersect and form a right angle.**

3) CD and MN are intersecting lines. Write True or False.

**True**

4) How many lines are parallel to  $\overleftrightarrow{CD}$ ?

**Two lines**

5) Name any three pairs of intersecting lines.

**$\overleftrightarrow{AB}$  and  $\overleftrightarrow{MN}$ ,  $\overleftrightarrow{CD}$  and  $\overleftrightarrow{KL}$ ,  $\overleftrightarrow{EF}$  and  $\overleftrightarrow{MN}$**