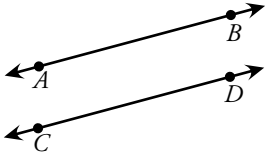


Name: \_\_\_\_\_

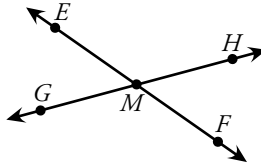
# Parallel, Intersecting, and Perpendicular

## Parallel Lines



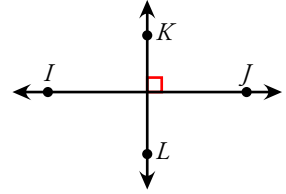
$\overleftrightarrow{AB}$  and  $\overleftrightarrow{CD}$  are **parallel lines**.  
They never cross, even if they are extended.

## Intersecting Lines



$\overleftrightarrow{EF}$  and  $\overleftrightarrow{GH}$  are **intersecting lines**.  
They cross each other at point **M**.

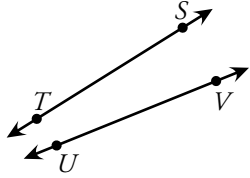
## Perpendicular Lines



$\overleftrightarrow{IJ}$  and  $\overleftrightarrow{KL}$  are **perpendicular lines**.  
They form right angles where they cross.

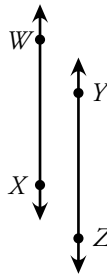
Write **parallel** or **not parallel** for each.

1.



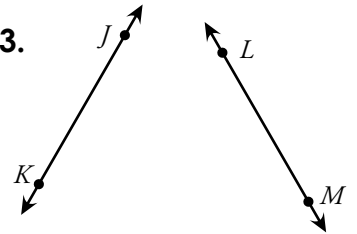
\_\_\_\_\_

2.



\_\_\_\_\_

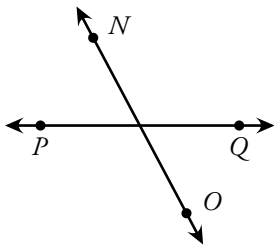
3.



\_\_\_\_\_

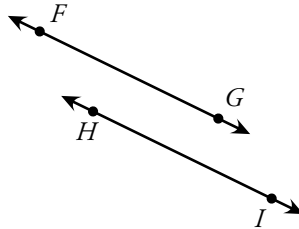
Write **parallel**, **intersecting**, or **perpendicular** for each.

4.



\_\_\_\_\_

5.



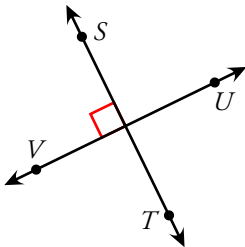
\_\_\_\_\_

6.



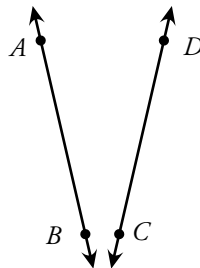
\_\_\_\_\_

7.



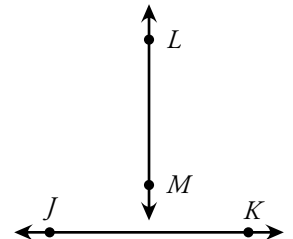
\_\_\_\_\_

8.



\_\_\_\_\_

9.

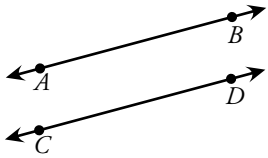


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# ANSWER KEY

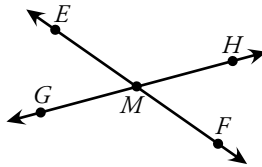
## Parallel, Intersecting, and Perpendicular

### Parallel Lines



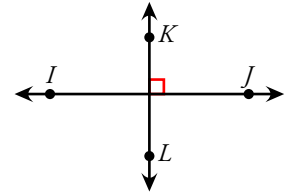
$\overleftrightarrow{AB}$  and  $\overleftrightarrow{CD}$  are **parallel lines**.  
They never cross, even if they are extended.

### Intersecting Lines



$\overleftrightarrow{EF}$  and  $\overleftrightarrow{GH}$  are **intersecting lines**.  
They cross each other at point  $M$ .

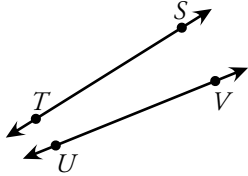
### Perpendicular Lines



$\overleftrightarrow{IJ}$  and  $\overleftrightarrow{KL}$  are **perpendicular lines**.  
They form right angles where they cross.

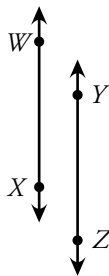
Write **parallel** or **not parallel** for each.

1.



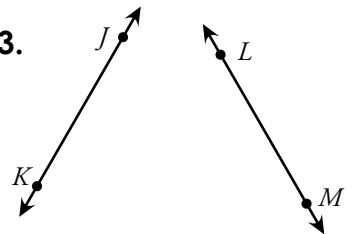
**NOT PARALLEL**

2.



**PARALLEL**

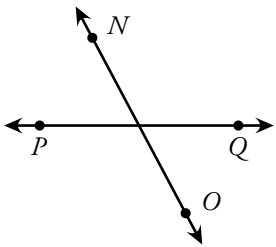
3.



**NOT PARALLEL**

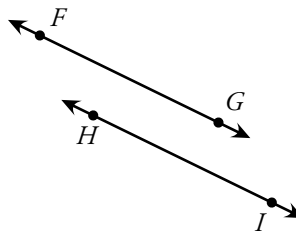
Write **parallel**, **intersecting**, or **perpendicular** for each.

4.



**INTERSECTING**

5.



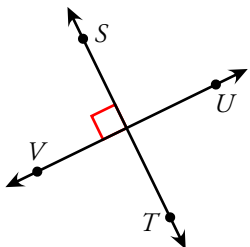
**PARALLEL**

6.



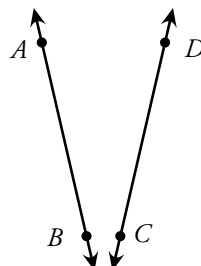
**INTERSECTING**

7.



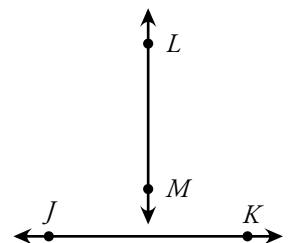
**PERPENDICULAR**

8.



**INTERSECTING**

9.



**PERPENDICULAR**