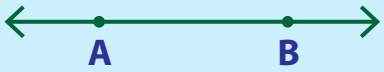
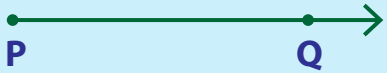
Name : _____

Differentiate – Line, Line segment & Ray

Line	Line segment	Ray
It has no end points.	It has two end points.	It has a starting point and no end point.
Lines have no measurable length.	Line segments have finite length.	Rays have no finite length.
Diagrammatic representation: 	Diagrammatic representation: 	Diagrammatic representation: 
The symbolic representation of a line is $\overleftrightarrow{AB}$ or $\overleftrightarrow{BA}$.	The symbolic representation of a line segment is $\overline{XY}$ or $\overline{YX}$.	The symbolic representation of a ray is $\overrightarrow{PQ}$.

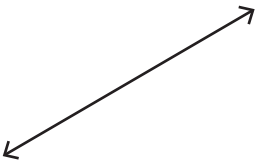
Name : _____

Points, Lines, Rays & Line segments

Sheet 2

Part - A

Write each as a point, line, ray or line segment.

1) 

_____

2) 

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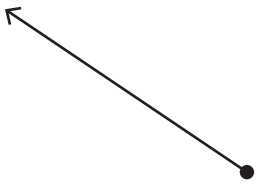
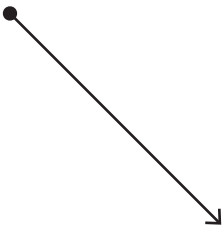
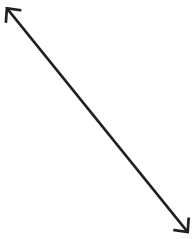
3) 

_____

4) 

_____

5) 

_____

6) 

_____

Part - B

Draw the following.

1) A ray

2) A line segment

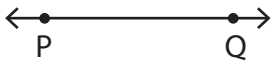
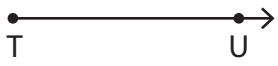
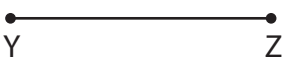
3) A line

Name : _____

Lines, Rays or Line segments

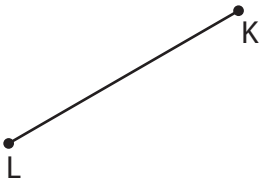
Sheet 2

Example:

A Line	A Ray	A Line segment
		
$\overleftrightarrow{PQ}$ or $\overleftrightarrow{QP}$	$\overrightarrow{TU}$	$\overline{YZ}$ or $\overline{ZY}$

Part - A

Name each line, ray or line segment.

1) 

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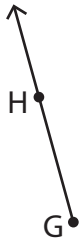
2) 

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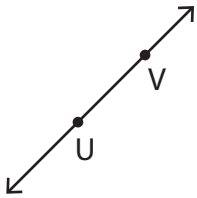
3) 

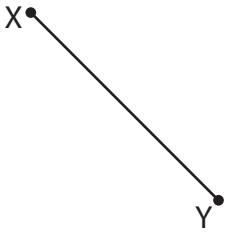
_____

4) 

_____

5) 

_____

6) 

_____

Part - B

Draw and label each of the following.

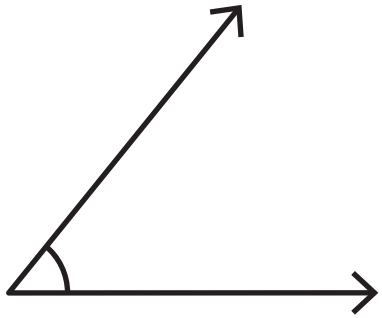
1) $\overleftrightarrow{JK}$

2) $\overrightarrow{EF}$

3) $\overline{MN}$

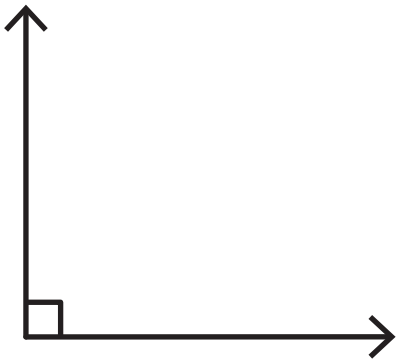
Name : _____

Types of Angles



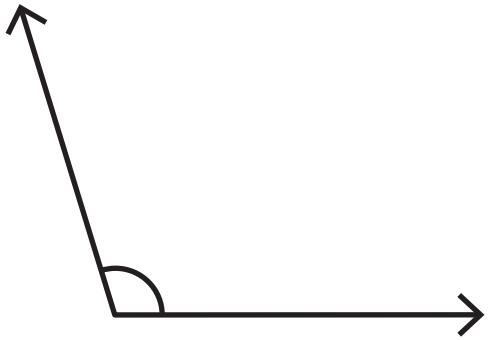
Acute angle

An acute angle measures less than 90 degrees.



Right angle

A right angle measures exactly 90 degrees.

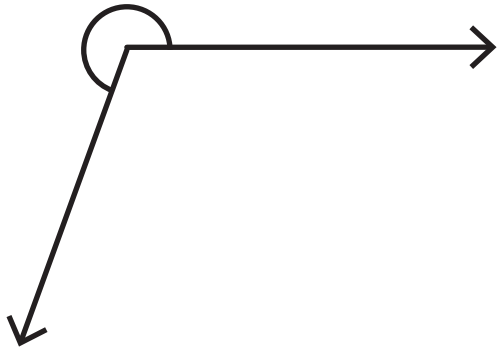


Obtuse angle

An obtuse angle measures more than 90 degrees and less than 180 degrees.

Straight angle

A straight angle measures exactly 180 degrees.



Reflex angle

A reflex angle measures more than 180 degrees and less than 360 degrees.

Complete angle

A complete angle measures exactly 360 degrees.

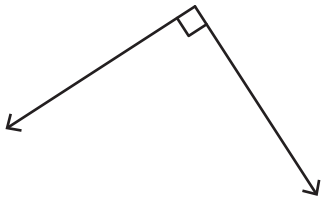
Name : _____

T1S3

Identifying the Types of Angles

Identify each angle as acute, right, obtuse, straight, or reflex.

1)



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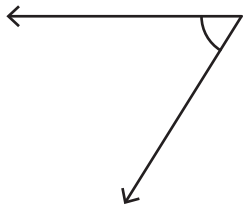
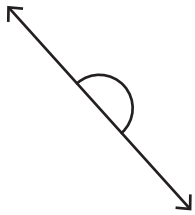
2)



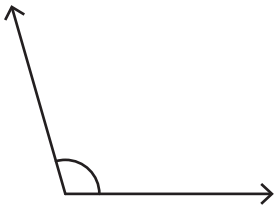
_____

3)



_____

4)



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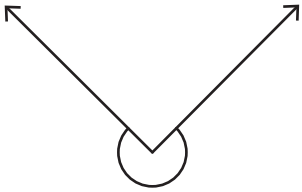
5)



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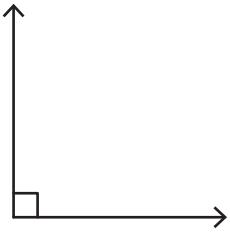
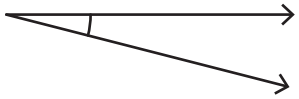
6)



_____

7)

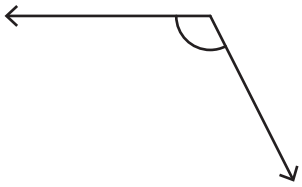


_____

8)

_____

9)



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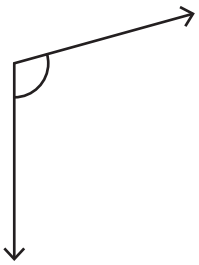
10)



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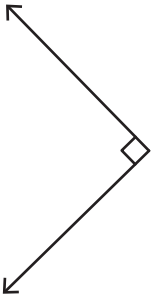
11)



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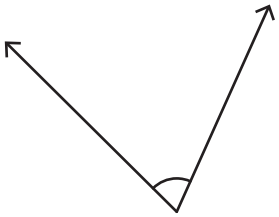
12)



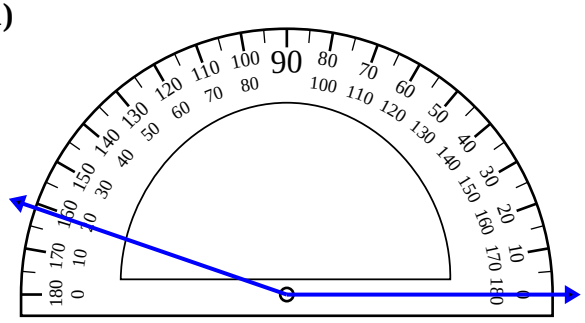
_____

Determining Angles with Protractors

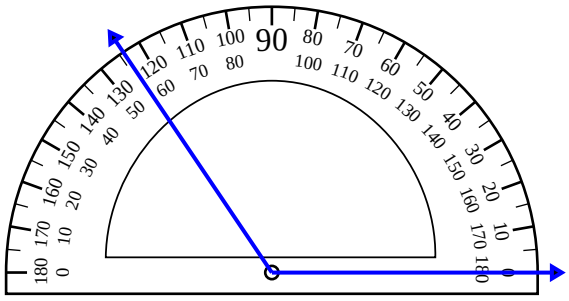
Name:

Use the protractor to determine each angle. Write angle degree and type of angle in the answer column.

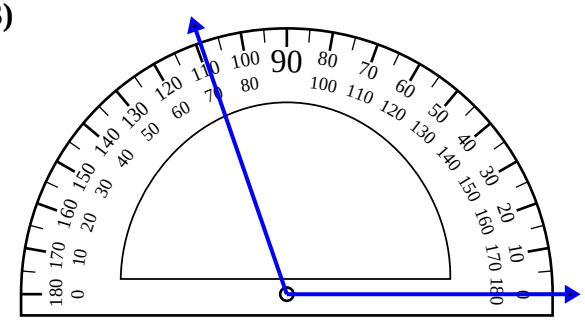
1)



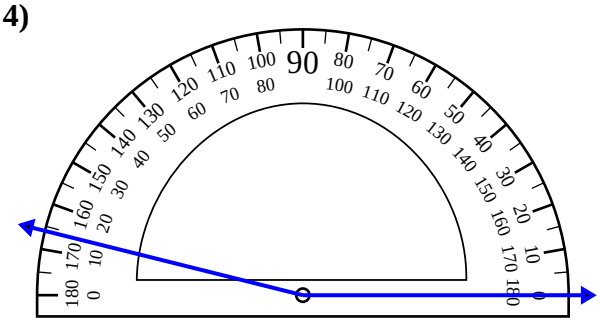
2)



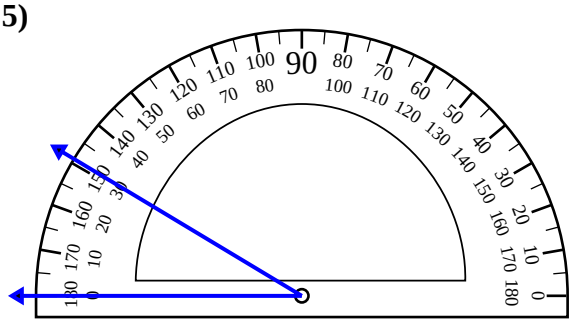
3)



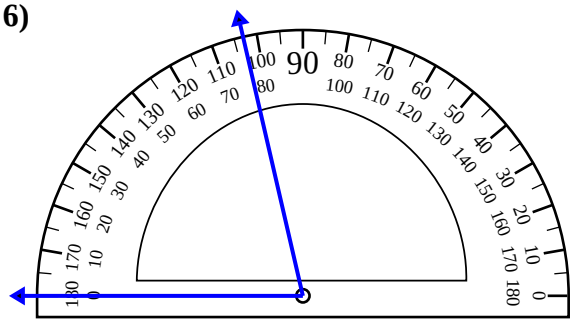
4)



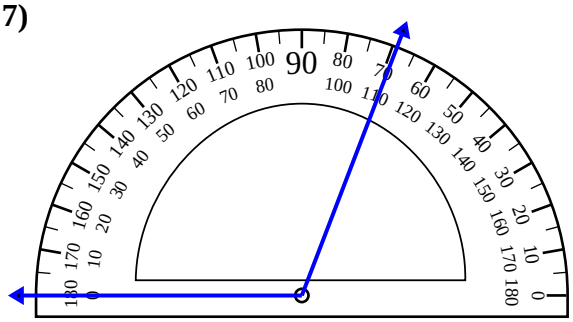
5)



6)



7)



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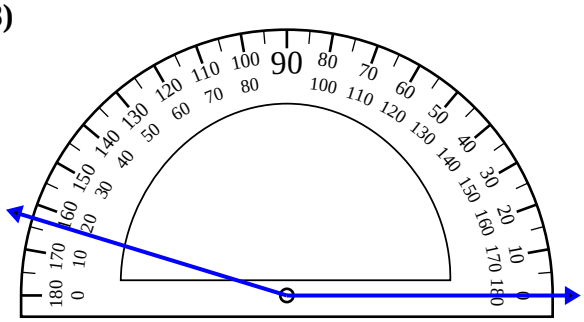
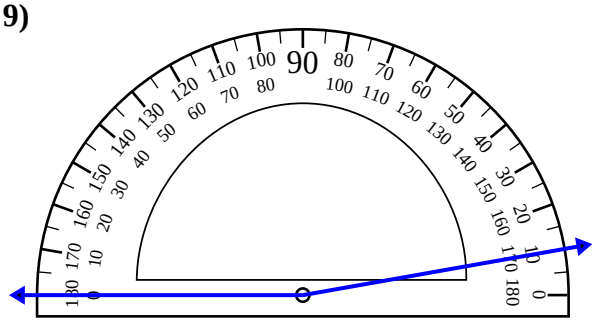
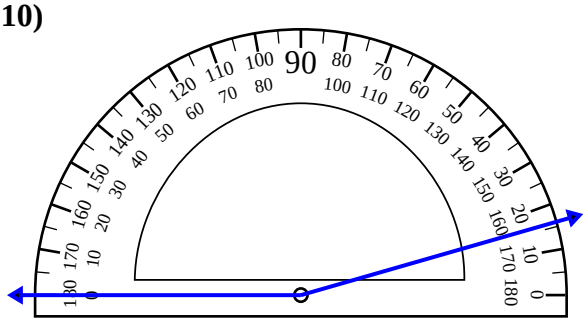


9)



10)



Answers

1. Ex: 161; Obtuse
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0