

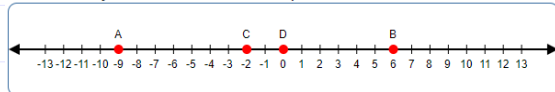
Intro to Geometry & Comparing Decimals

Warmup

1 Arrange these numbers in order from least to greatest: -4, 3, 0

_____, _____, _____

2 Identify the value of each point.



A: _____ B: _____ C: _____ D: _____

3 Drag and drop the name of each place value

A ones

B .

C .tenths

4 For the number 621,538.794

What digit is in the thousandths place?

What digit is in the ten-thousands place?

What digit is in the hundreds place?

5

Write the correct symbol:

_____ equal

_____ less than

_____ greater than

6

$$288 \div 2 - 4(48 \div 4) + 9$$

Intro to Geometry & Comparing Decimals

- I. Introduction to Geometry
- II. Classifying Angles
- III. Measuring Angles
- IV. Compare and Order Decimals

Homeschool



Honor Roll

Learn ~ Persevere ~ Succeed

Pre-Algebra and Geometry I

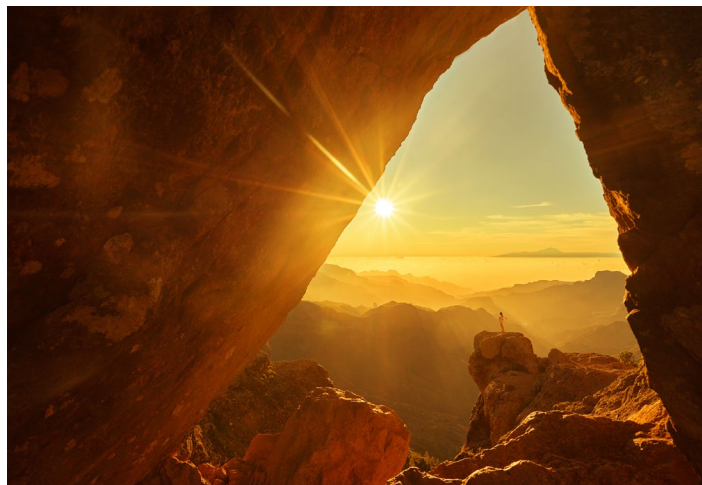
Wendy Harper

www.HsHonorRoll.com

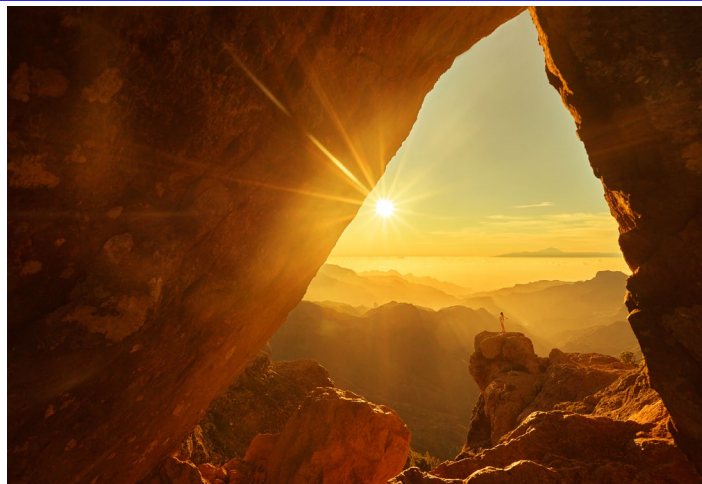
I. Introduction to Geometry

point:

A
●



line:



ray:

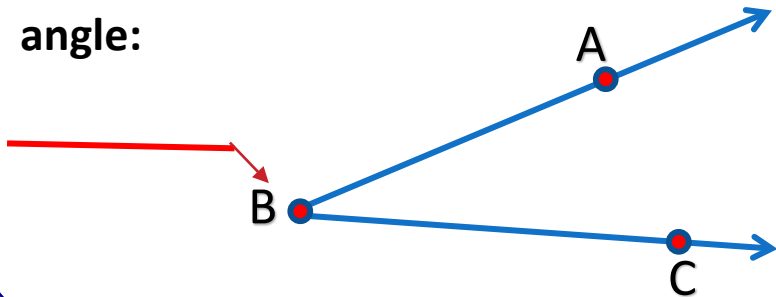


line segment or segment:



II. Classifying Angles

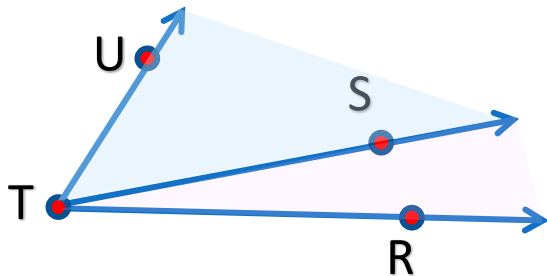
angle:



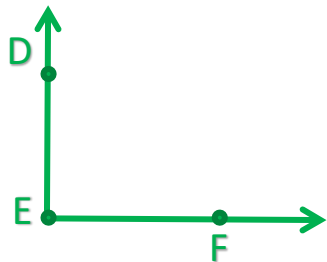
The vertex of the angle is the name of the angle, but if more than one angle is at the vertex, use points on each ray in the name.

Angles are measured in _____.

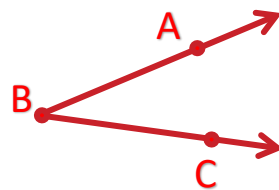
Name all three angles with vertex T



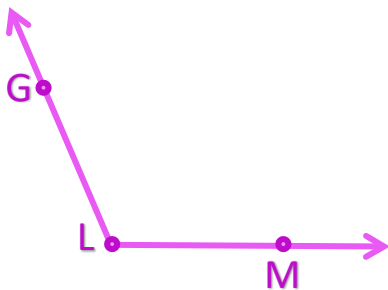
Right Angles



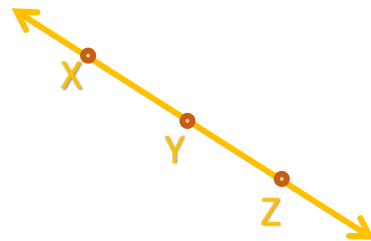
Acute Angles



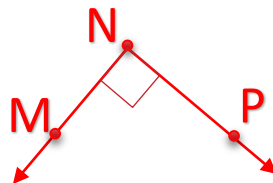
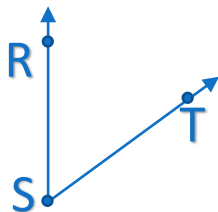
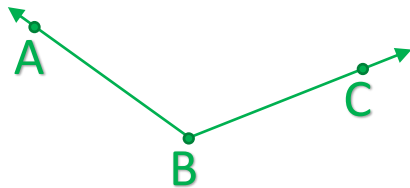
Obtuse Angles



Straight Angles



Write the name of each angle and classify it as acute, right, obtuse or straight.



15. What is the classification of an angle measuring exactly 90 degrees?

16. What is the classification of an angle measuring more than 90 degrees and less than 180 degrees?

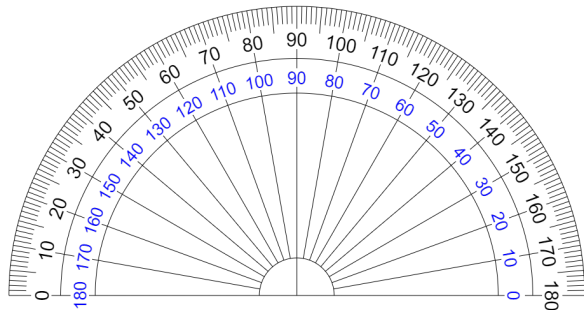
17. What is the classification of an angle measuring less than 90 degrees?

18. What is the classification of an angle measuring exactly 180 degrees?

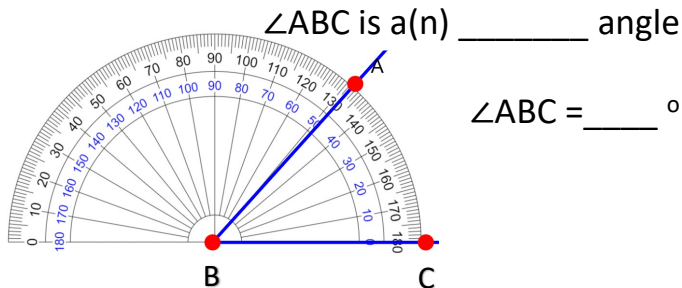
III. Measuring Angles

angles are measured in _____

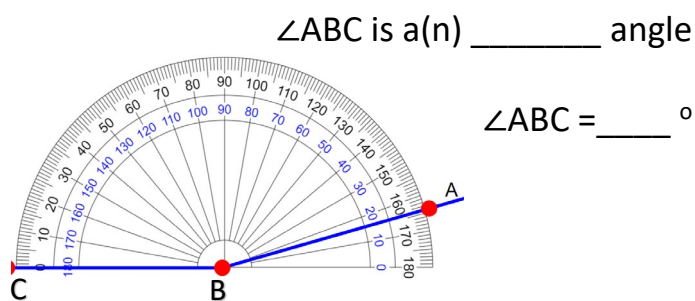
Protractor: The tool used to measure angles



19. Classify, then measure $\angle ABC$



20. Classify, then measure $\angle ABC$



Explore

Plan

Solve

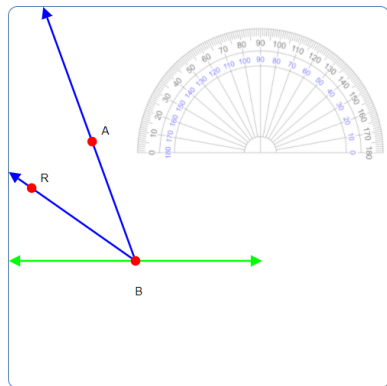
Check

To measure an angle:

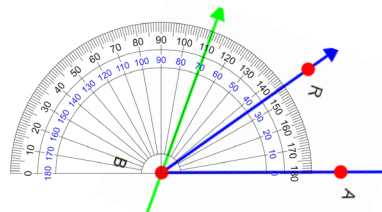
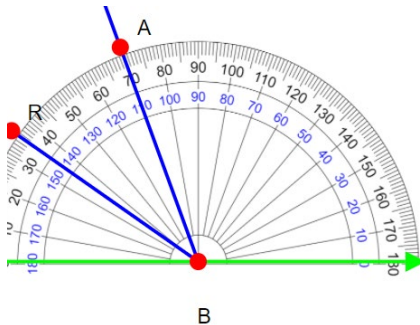
- 1. Determine if the angle is acute, or obtuse**
- 2. Line up the protractor on one ray of the angle**
- 3. Read the degree measurement.**
 - If the angle is acute the measurement must be less than 90
 - If the angle is obtuse, the measure must be between 90 and 180
- 4. Does your answer make sense?**

24. Classify, then measure $\angle ABR$

(Drag the protractor to the angle to measure it.)



$\angle ABR$ is a(n) , it measures degrees.



IV. Compare and Order Decimals

Compare Decimal Numbers: To determine the larger number start at the largest place value. Compare each place value, when the digits are different, the number with the greatest value is the larger number.

Compare **125.003** and **125.3** using $<$, $>$, or $=$

thousands	hundreds	tens	ones	. (and)	tenths	hundredths	thousandths	Ten-thousandths

Ending or Terminal Zeros do not change the value of the number.

When necessary, add terminal zeros to a decimal number.

Compare 13.45 and 13.54

Compare 6903.002 and 6930.002

26. Enter the numbers 21.32 and 21.3 to make a true statement.

27. Enter the numbers 598.63 and 598.54 to make a true statement.

28. Enter the sign to make 0.4600 ____ 0.46 a true statement.

29. Enter the sign to make 0.25 ____ 0.35 a true statement.