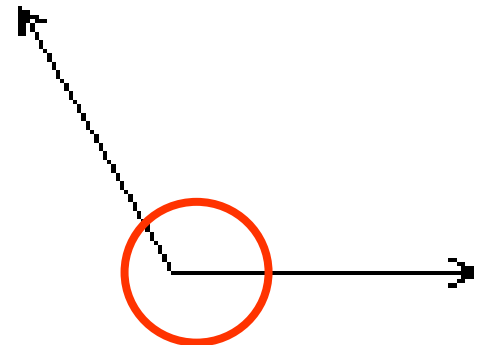
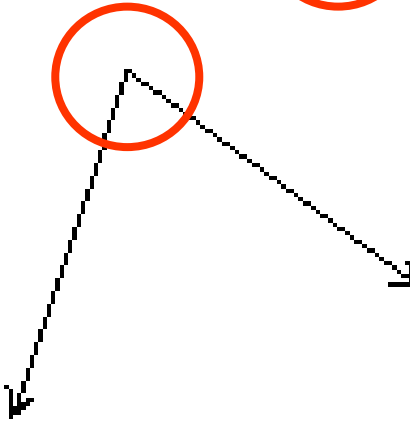
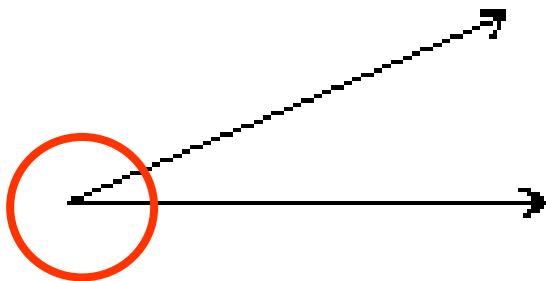
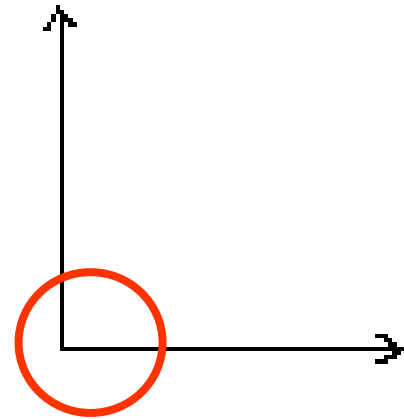
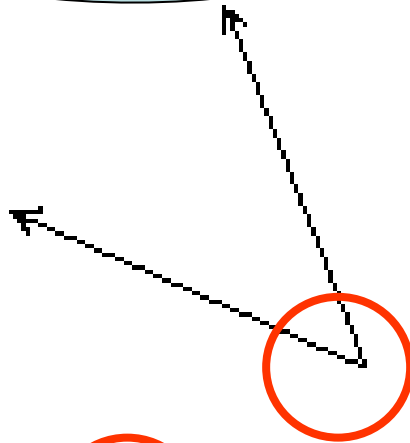
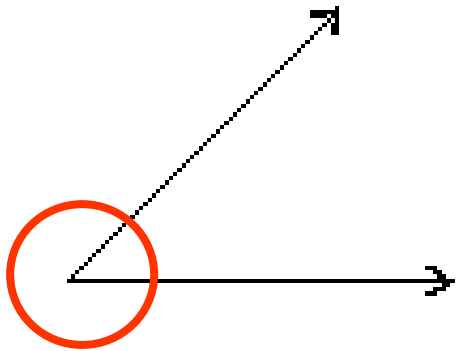


ANGLES

What is an angle?

- An **angle** is formed when 2 lines meet.

• Here are some examples
of angles.



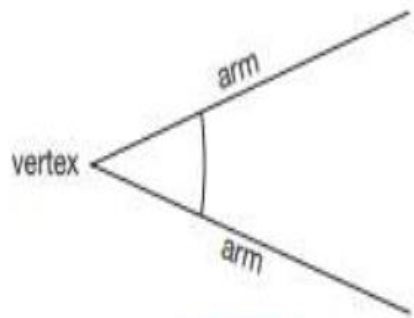
1

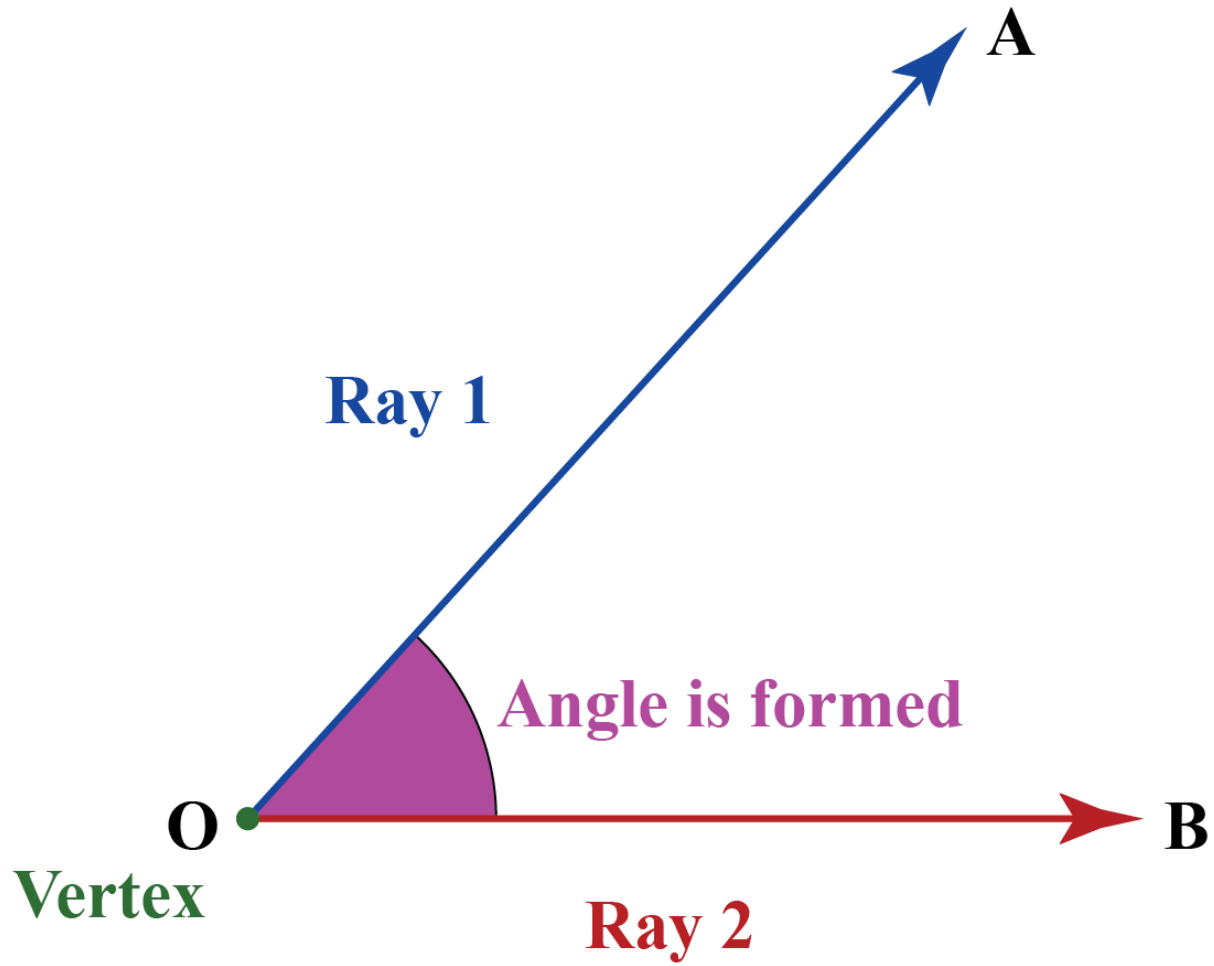
Naming Angles

An **angle** is formed when 2 lines meet.

You can think of an angle as a turn about a vertex.
The angle shows how far one **arm** is turned to get to the other arm.

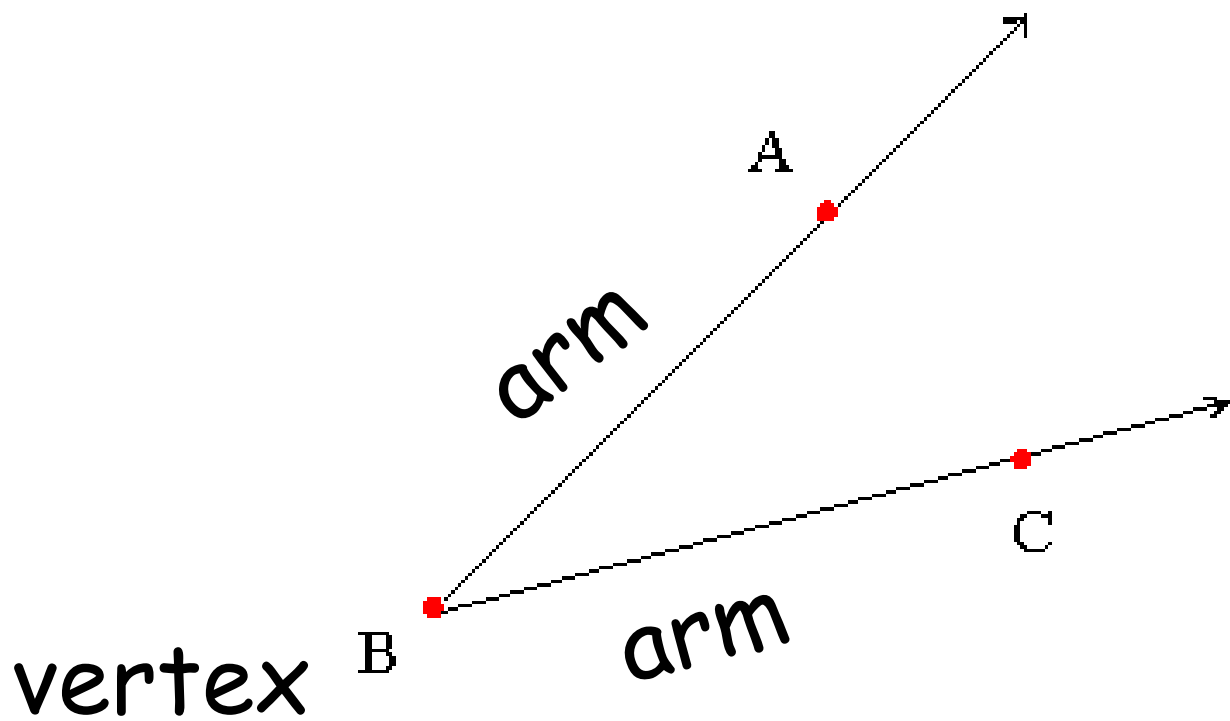
The hour hand and the minute hand on a clock form an angle at the centre of the clock.
What angle is formed by the hands on this clock?



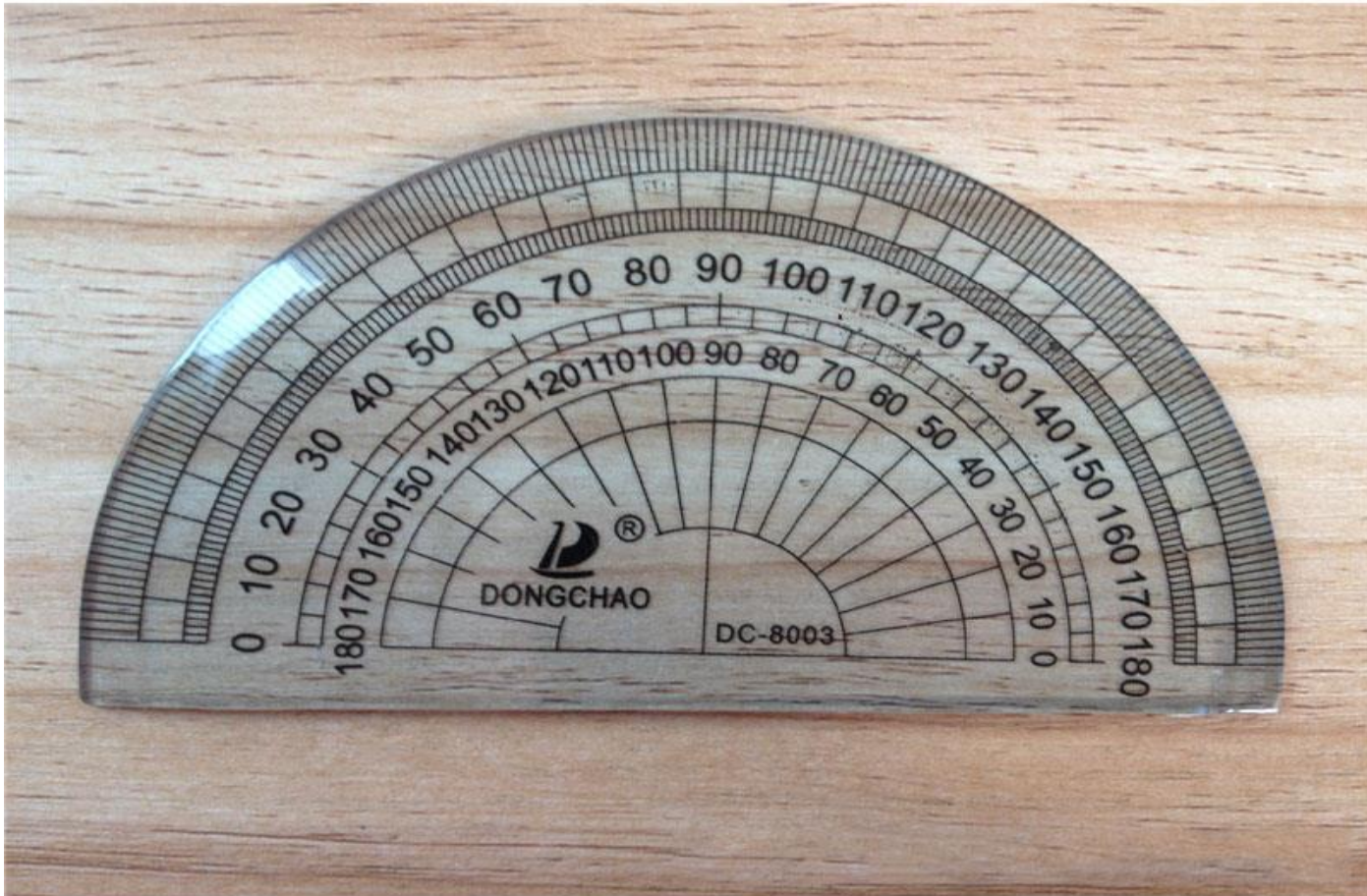


Vertex





standard protractor



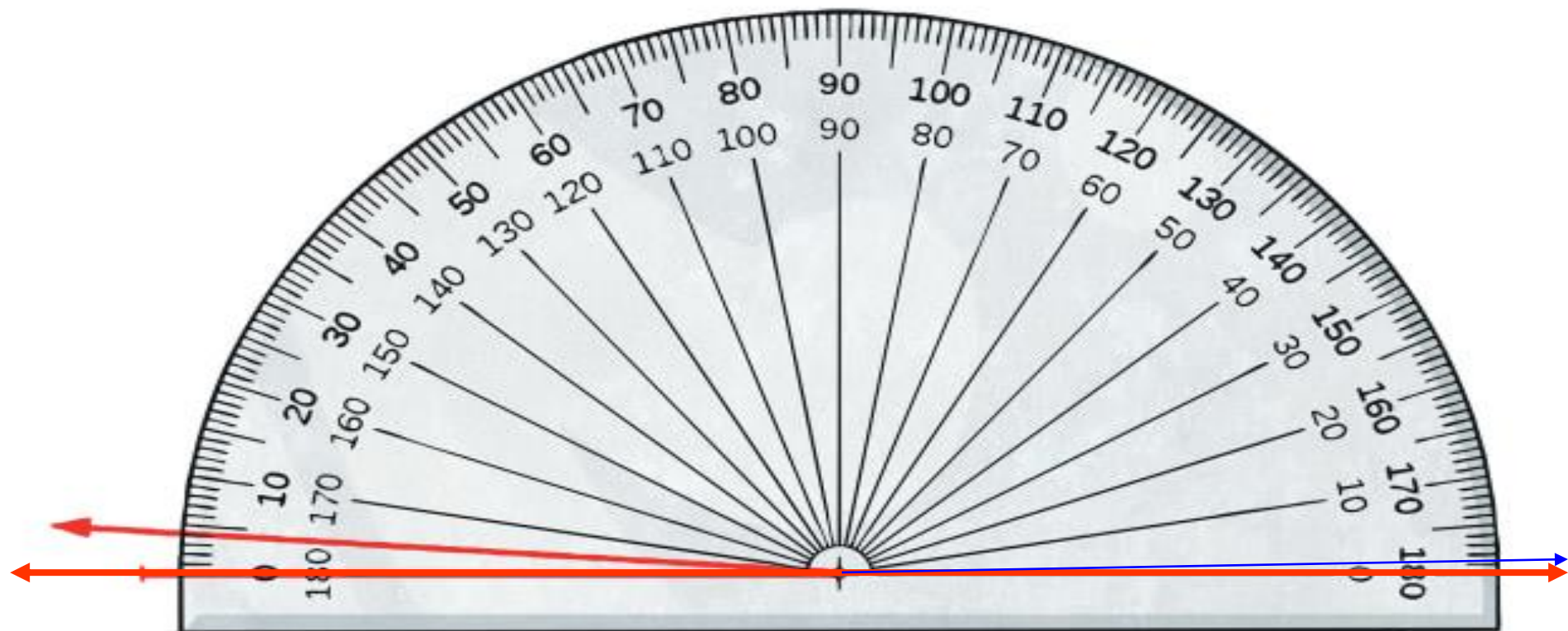
To measure angles more accurately, we use a **standard protractor**.

The standard protractor divides a straight angle into 180 congruent slices.

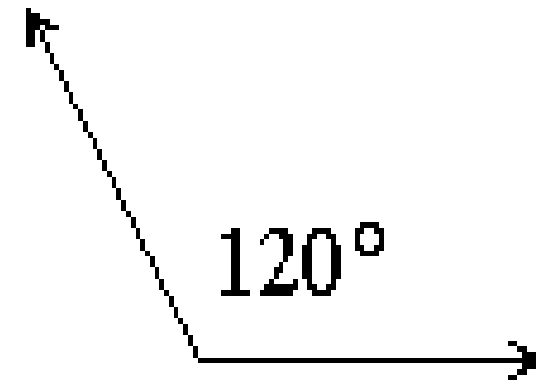
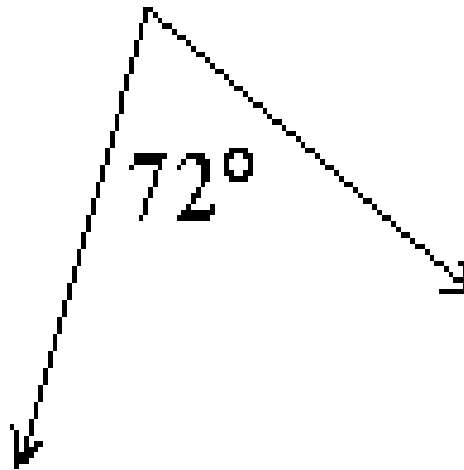
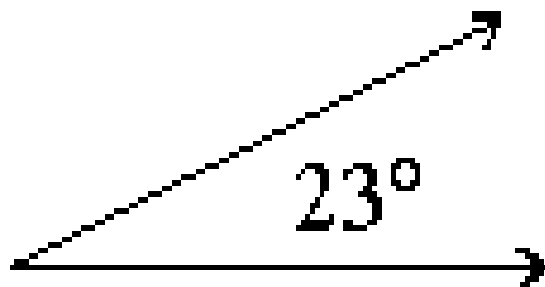
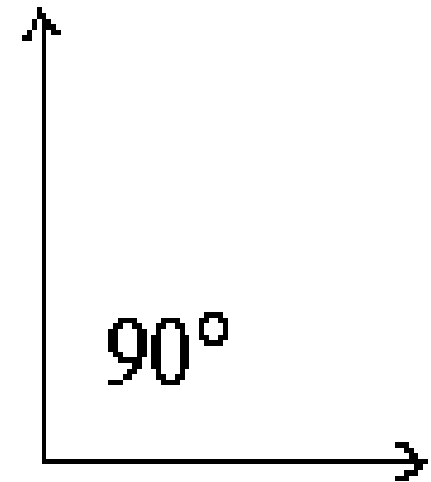
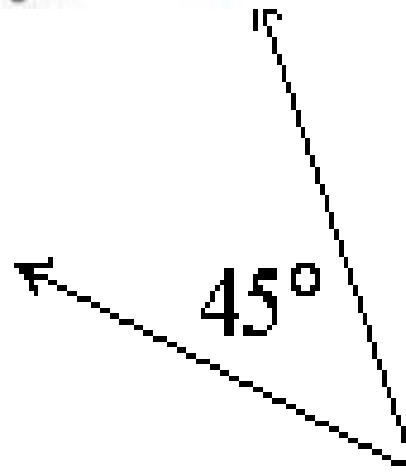
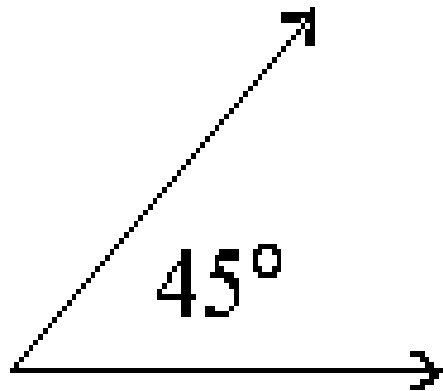
Each slice is 1 **degree**. We write 1° .

The protractor shows angle measures from 0° to 180° .

From now on, we will refer to a standard protractor as a protractor.



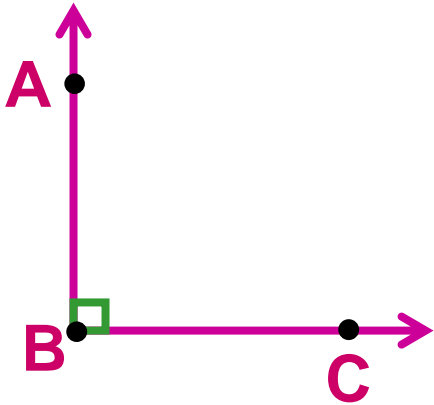
What is the measure of each angle?



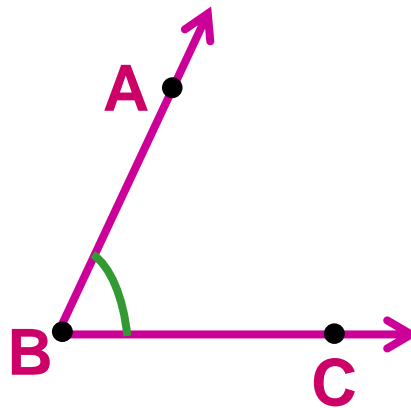
Types Of Angles

There are four main types of angles.

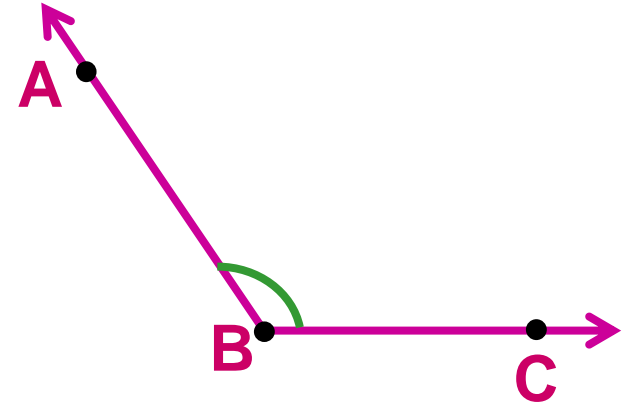
Right angle
 90°



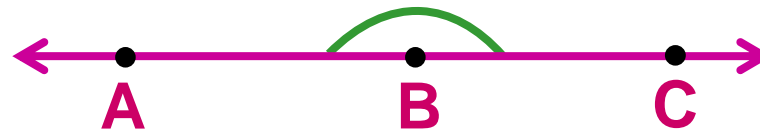
Acute angle
Less than 90°



Obtuse angle
More than 90°

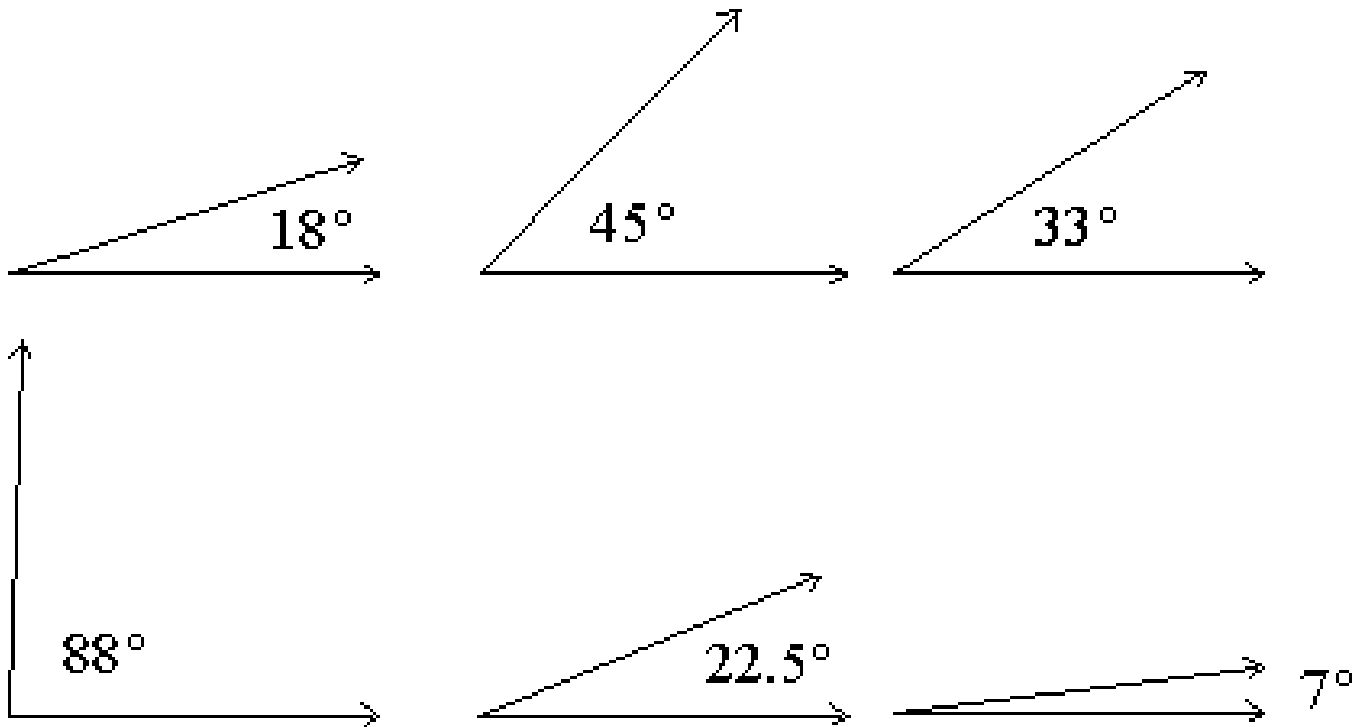


Straight angle
 180°



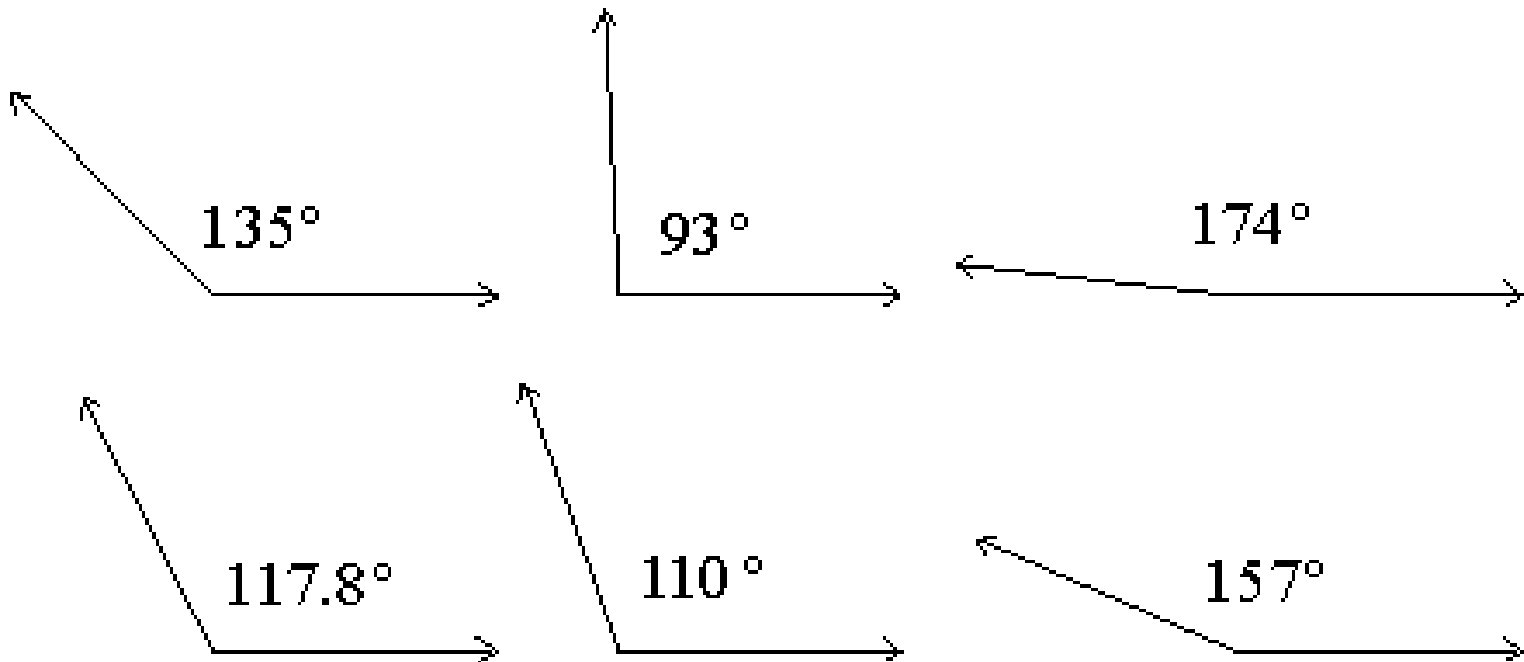
Acute Angles

- The measure of an acute angle is less than 90° .



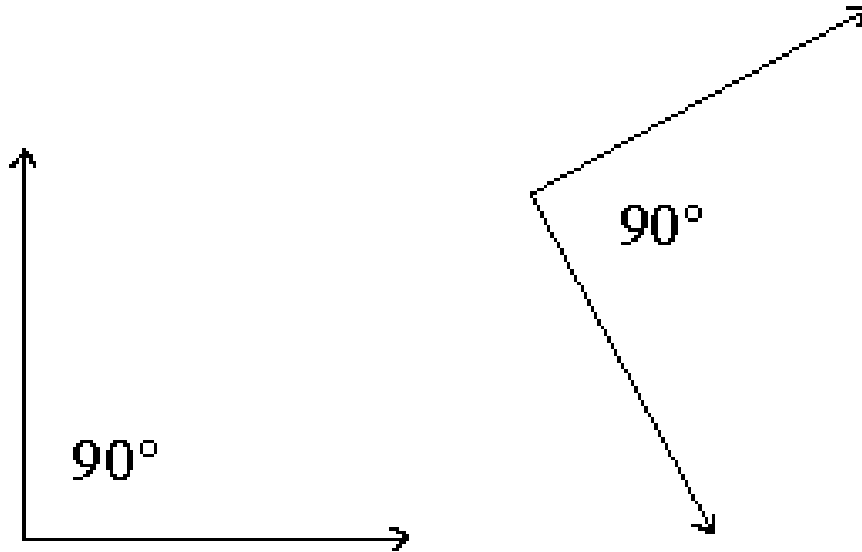
Obtuse Angles

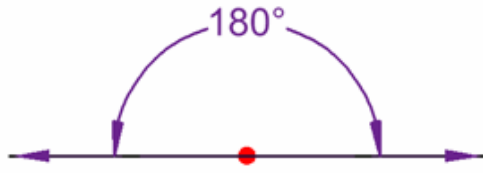
- The measure of an obtuse angle is between 90 and 180 degrees.



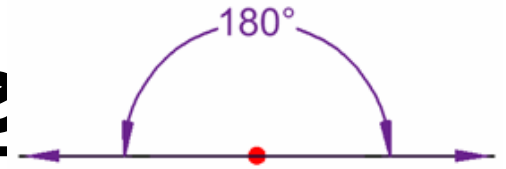
Right Angles

- The measure of a right angle is 90 degrees.

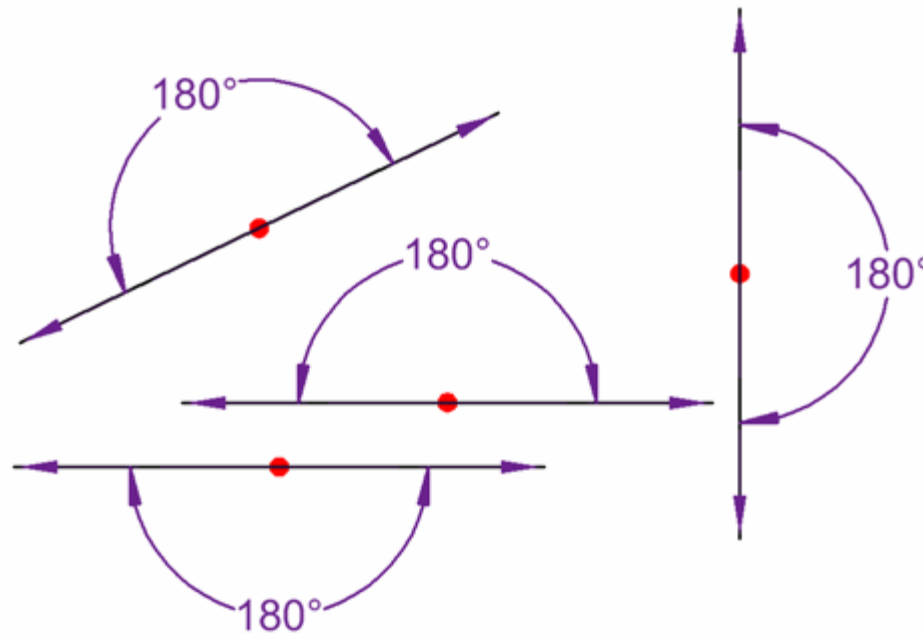




Straight Angle



- The measure of a straight angle is 180 degrees.



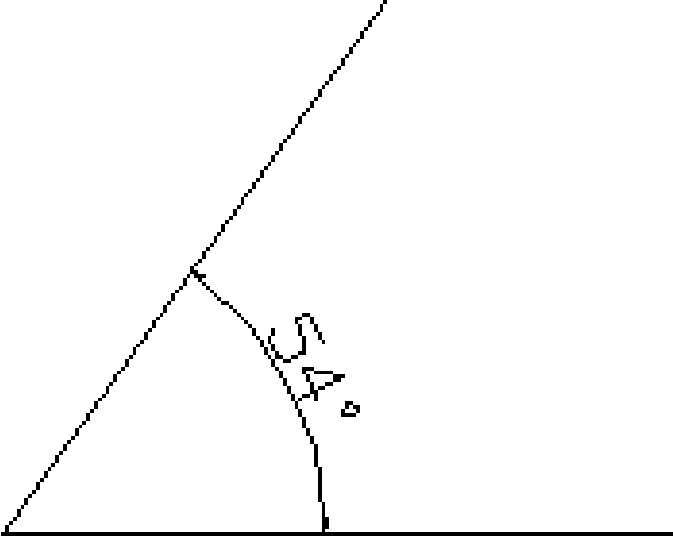
Types of Angles

Acute angle
Right angle
Obtuse angle

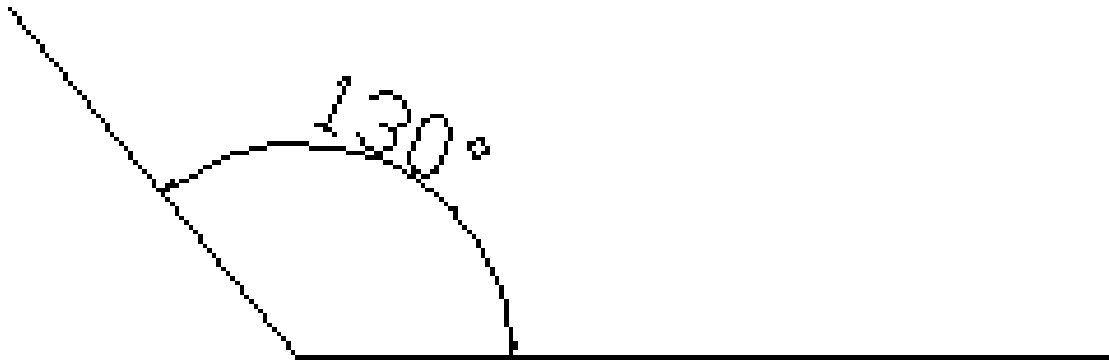


GAME TIME!

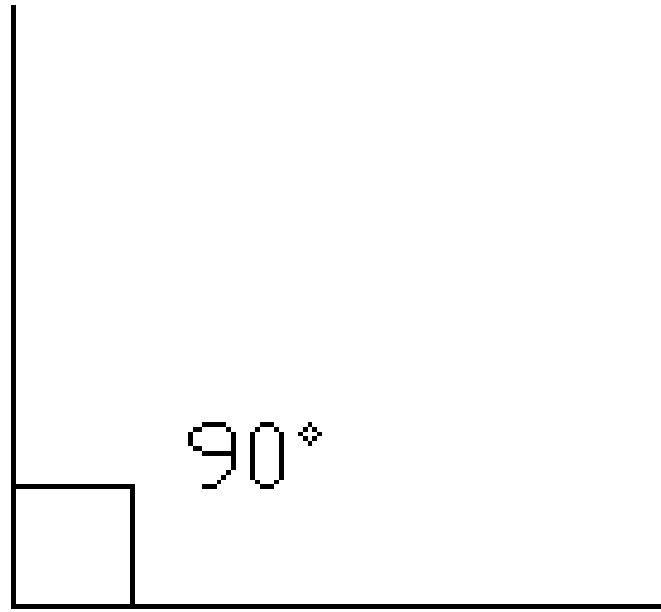
- The object of the game is to be the first to raise your hand and correctly name what type of angle you see.
- The correct answer will be on the following slide!!
 - **Good luck!**



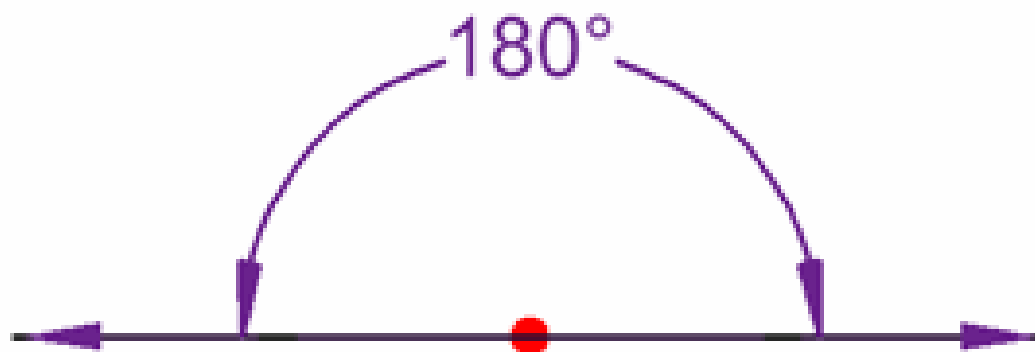
**Acute
Angle**



**Obtuse
Angle**

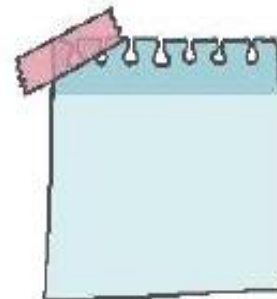
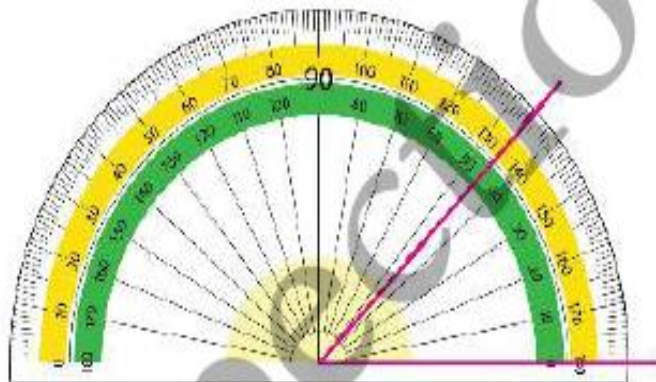
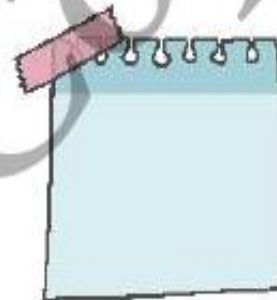
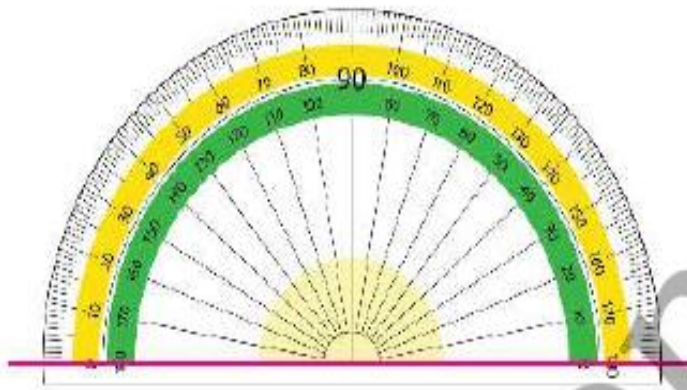
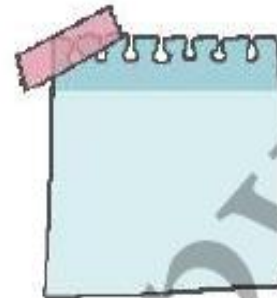
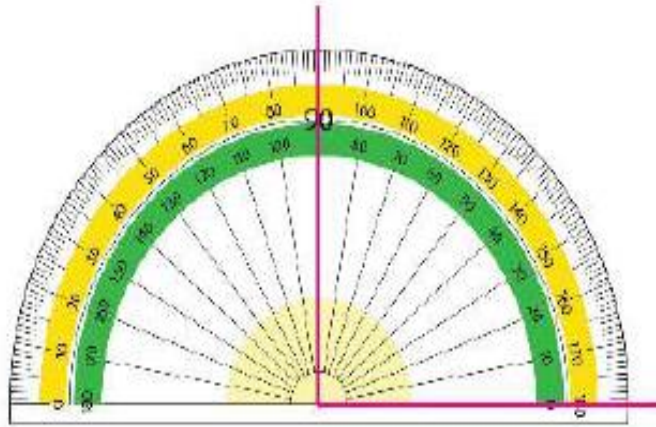


**Right
Angle**



Straight Angle

What is the measure of each angle?



GREAT

JOB!!