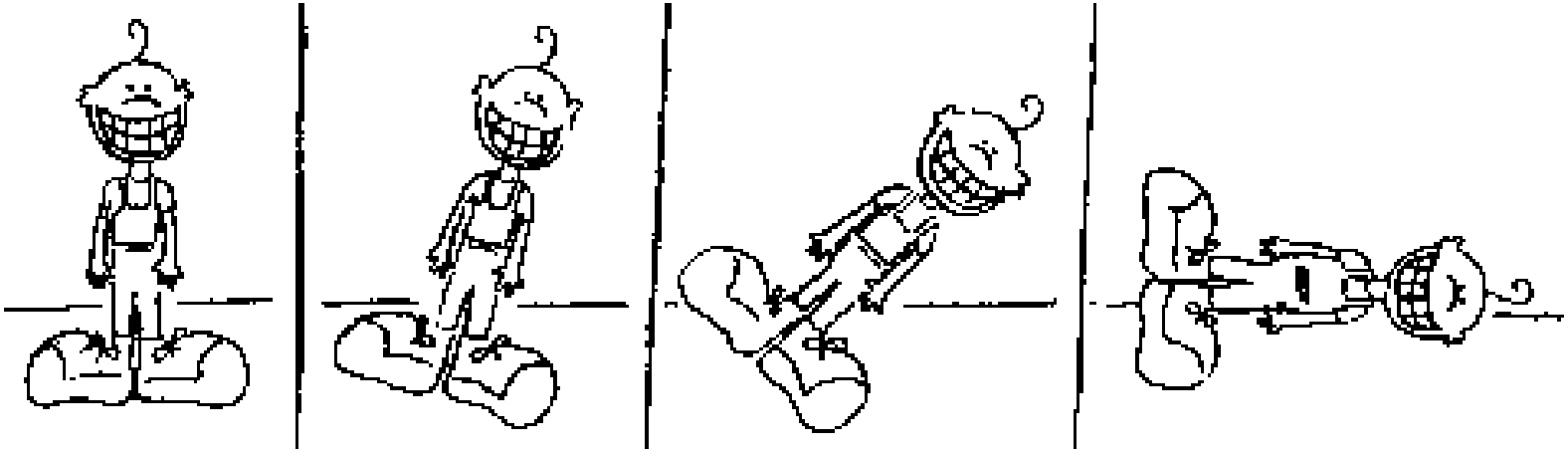
ANGLES

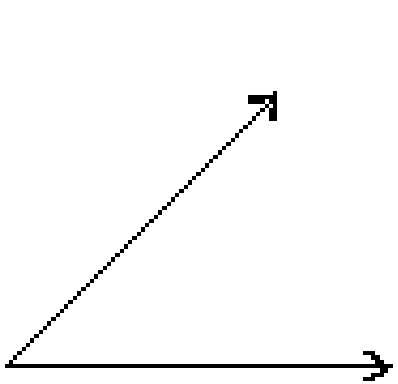
You will learn to classify angles as **acute**, **obtuse**, **right**, or **straight**.

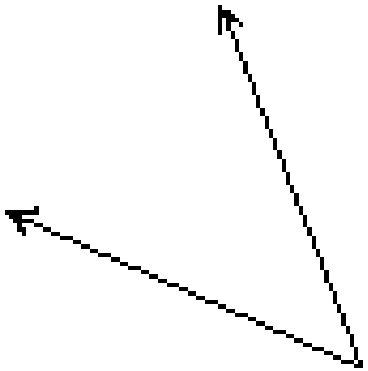
What is an angle?

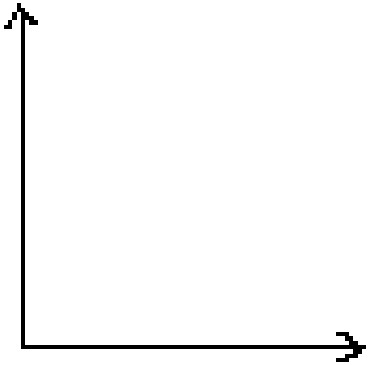
- Two **rays** that share the same endpoint form an **angle**. The point where the rays intersect is called the **vertex** of the angle. The two rays are called the **sides** of the angle.

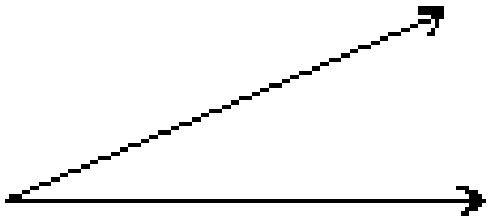


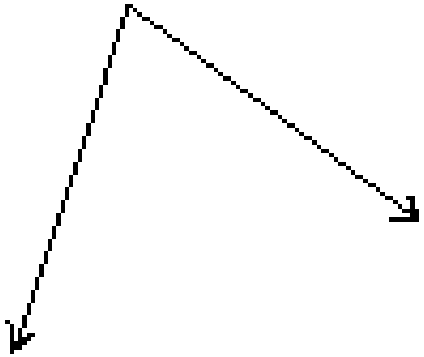
- **Here are some examples of angles.**

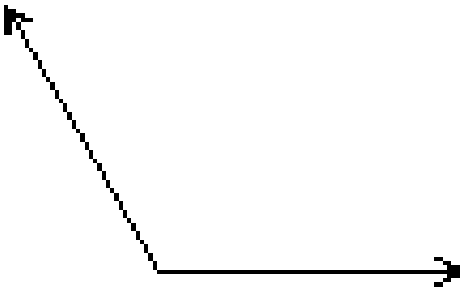




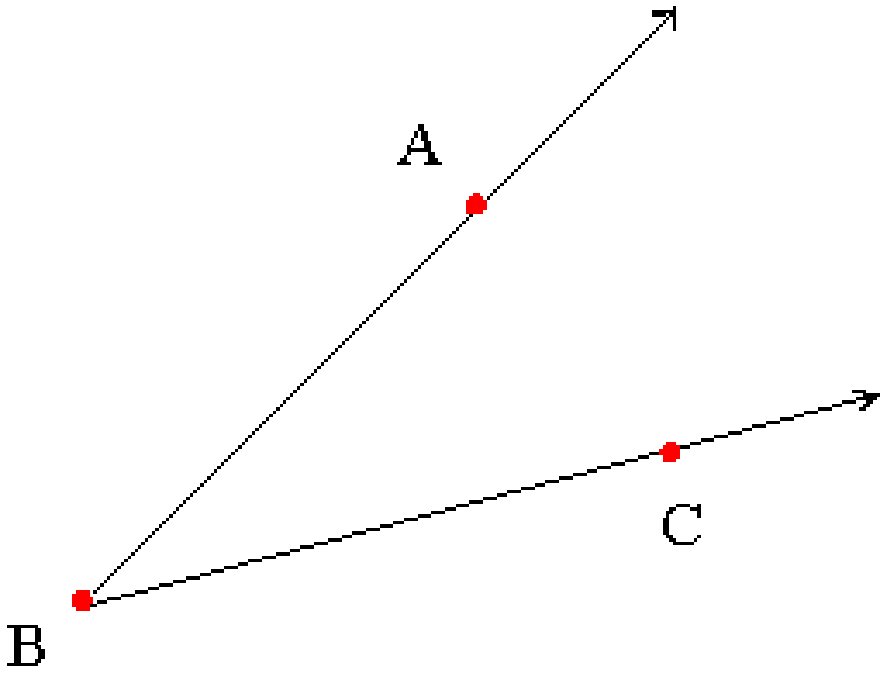






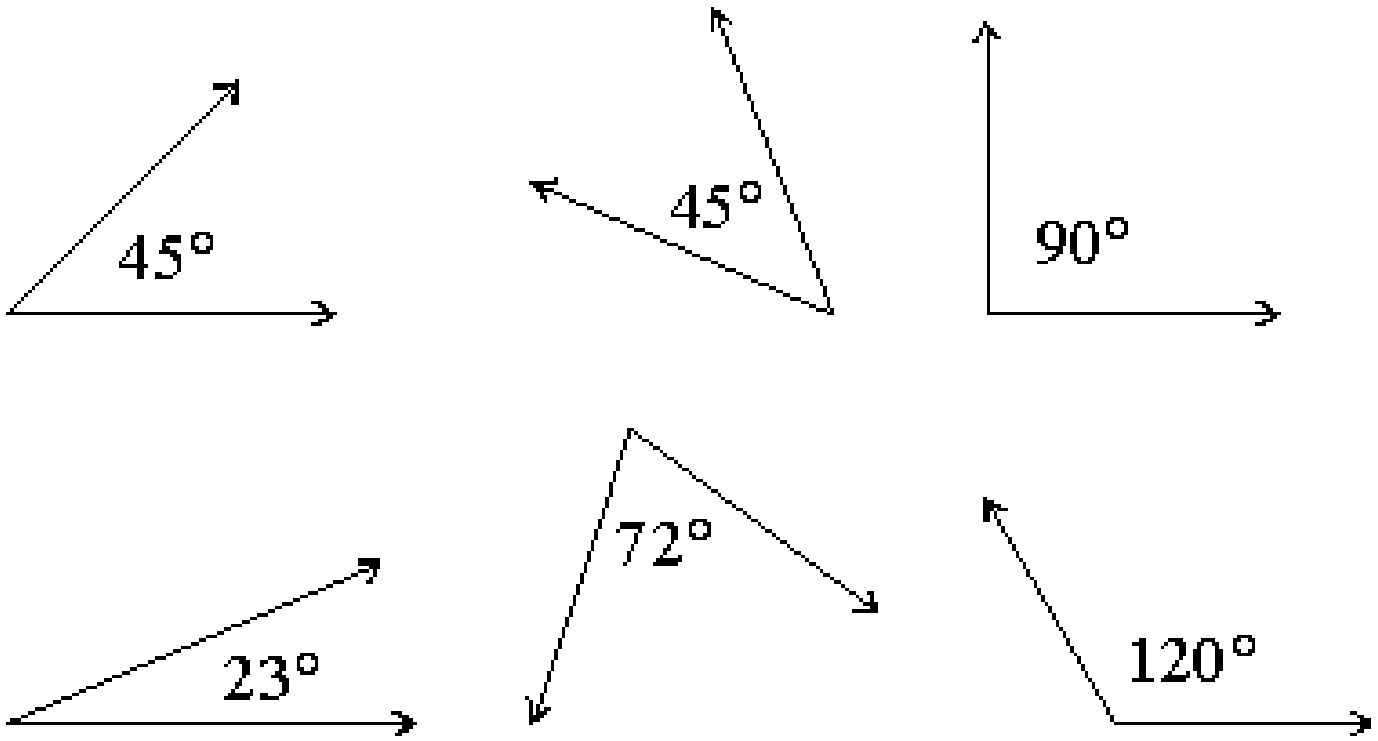


- We can identify an angle by using a point on each ray and the **vertex**. The angle below may be identified as angle ABC or as angle CBA; you may also see this written as ABC or as CBA. **The vertex point is always in the middle.**



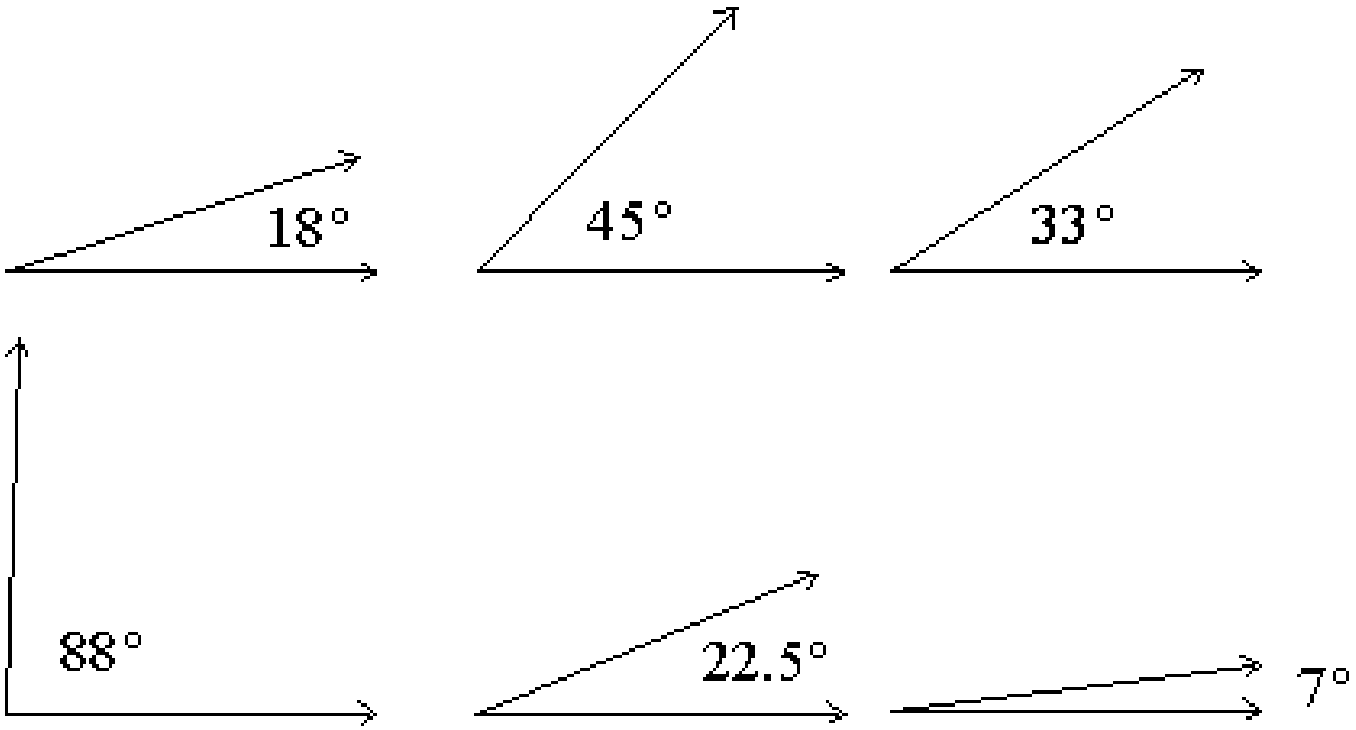
Angle Measurements

- We measure the size of an angle using **degrees**.
- Here are some examples of **angles** and their degree measurements.



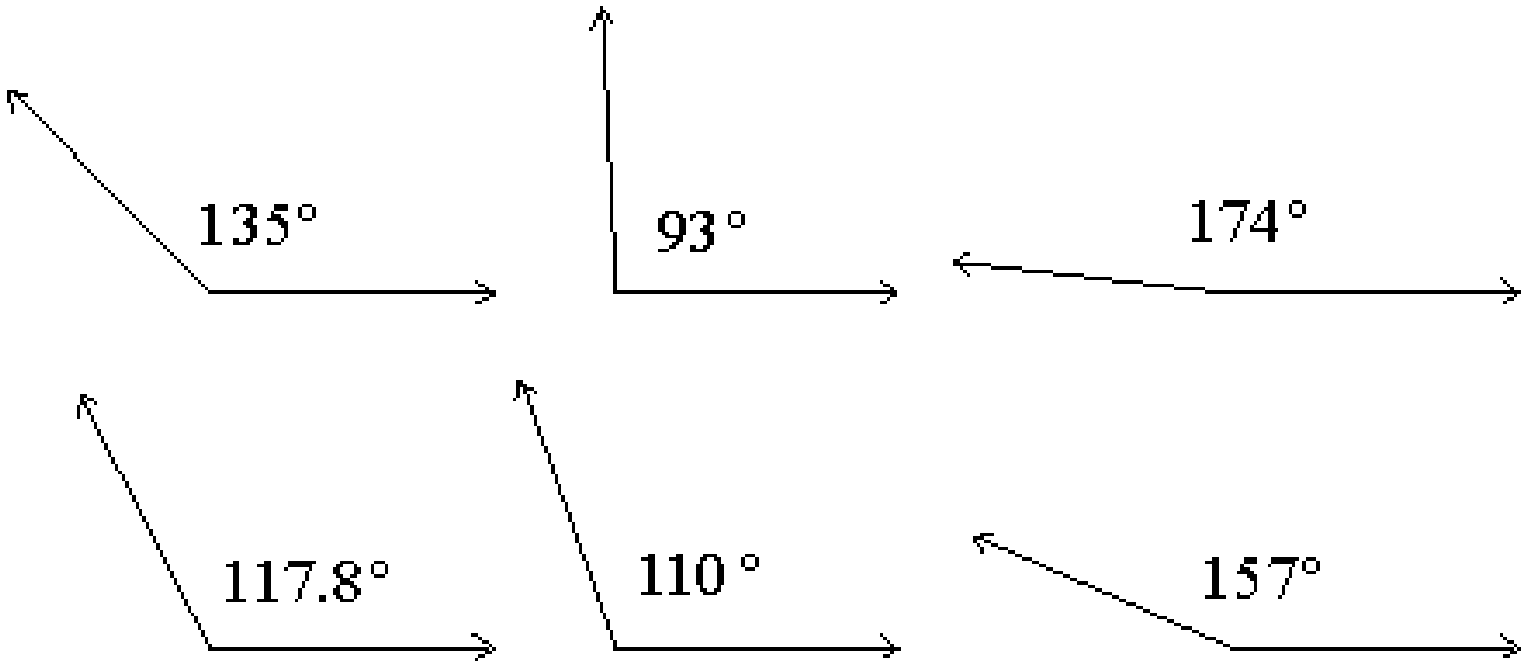
Acute Angles

- An **acute angle** is an angle measuring between 0 and 90 degrees.
- The following angles are all acute angles.



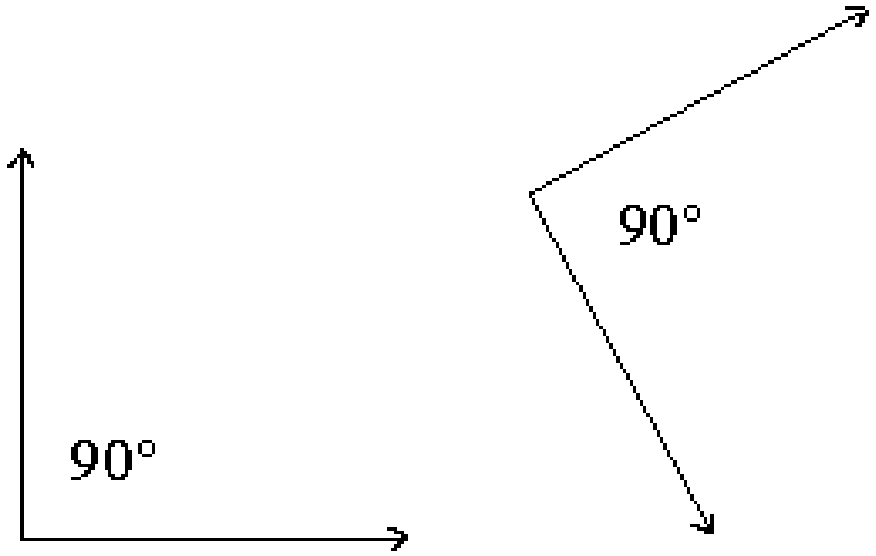
Obtuse Angles

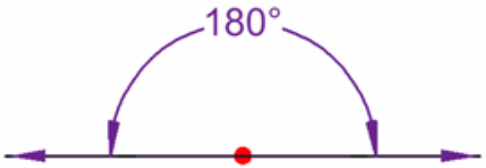
- An **obtuse angle** is an angle measuring between 90 and 180 degrees.
- The following angles are all obtuse.



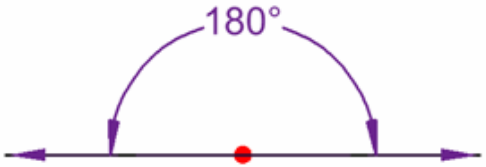
Right Angles

- A **right angle** is an angle measuring 90 degrees.
- The following angles are both right angles.

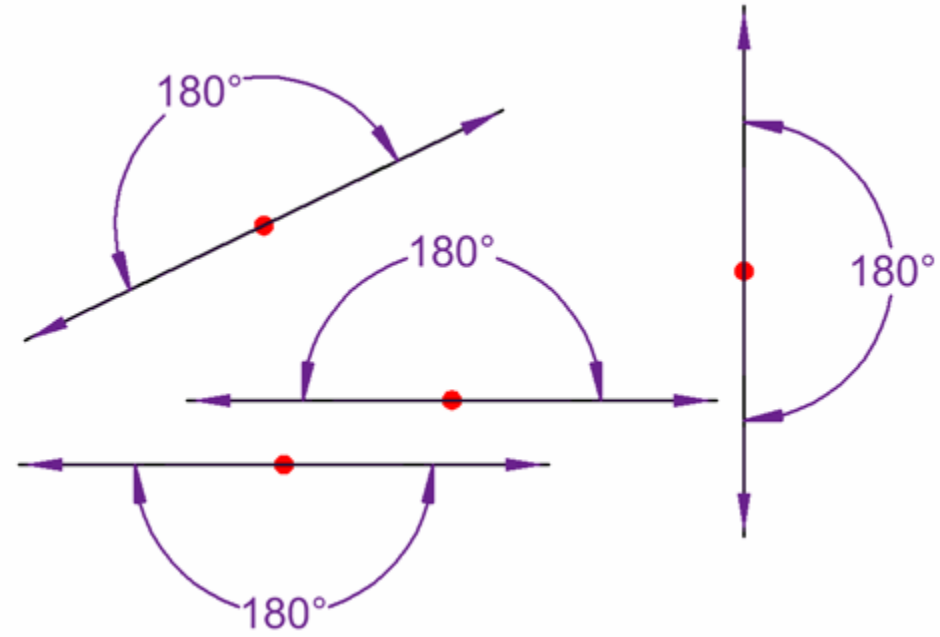




Straight Angle

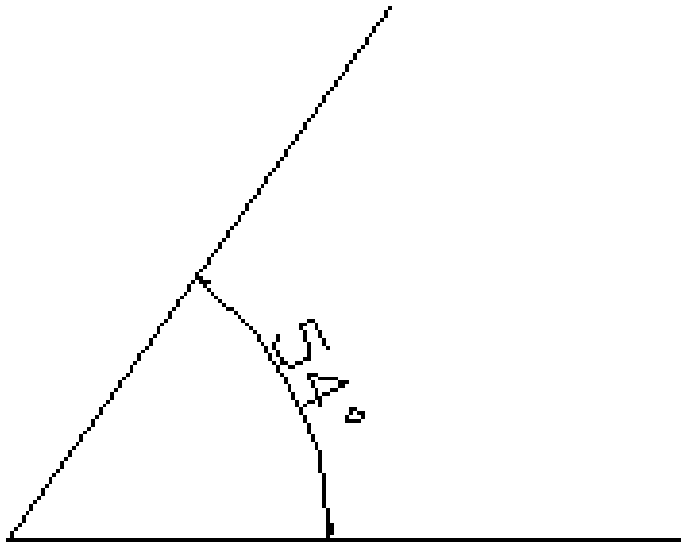


- A **straight angle** is 180 degrees.

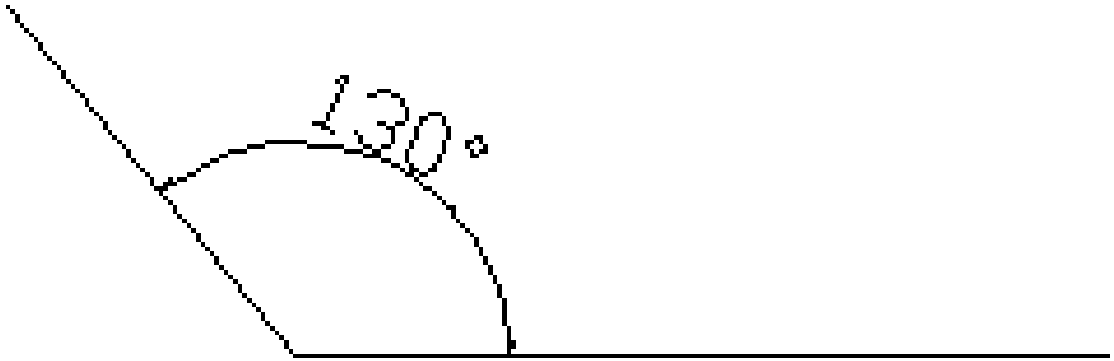


GAME TIME!

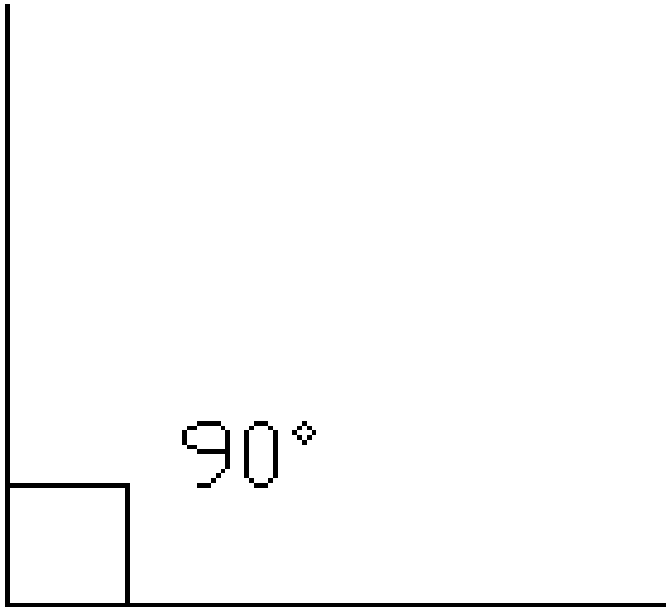
- The object of the game is to be the first to **raise your hand** and correctly name what type of angle you see.
  - **The correct answer will be on the following slide!!**
  - **Good luck!**


45°

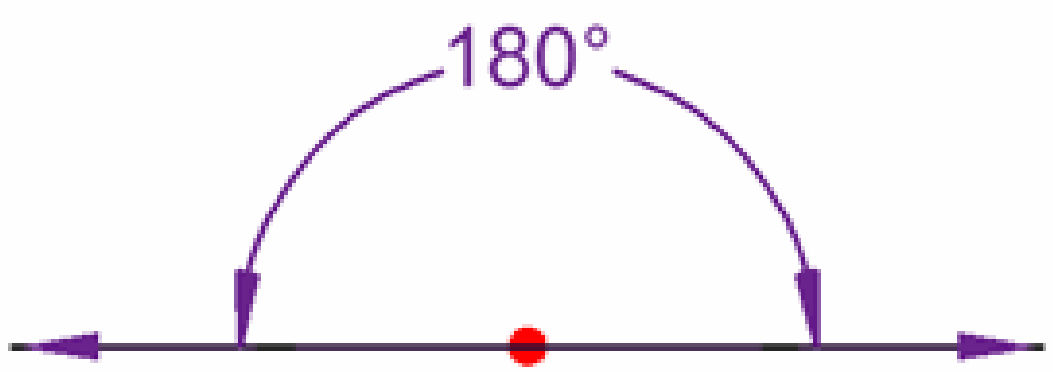
Acute Angle


130°

Obtuse Angle


90°

Right Angle


180°

Straight Angle

GREAT JOB!!