Measuring an Angle

A. Choose the Correct Answer:

- 1. Which instrument is used to measure an angle?
 - a) Ruler b) Compass c) Protractor d) Divider
- 2. An angle measuring 90° is called a:
 - a) Acute angle b) Obtuse angle
 - c) Right angle d) Reflex angle
- 3. If an angle measures 180°, it is known as a:
 - a) Acute angle b) Straight angle
 - c) Right angle d) Reflex angle

B. Write the Missing Terms to Complete the Sentences:

- 1. A protractor is divided into _____ degrees.
- 2. An angle greater than 90° but less than 180° is called an ____ angle.
- 3. The unit used to measure an angle is ___.
- 4. A ____ angle measures more than 180° but less than 360°.
- 5. The sum of angles on a straight line is <u>degrees</u>.

C. Challenge yourself with these questions:

- 1. What is the difference between an acute angle and an obtuse angle?
- 2. Using a protractor, measure and write the angle formed between the hands of a clock at 3:00 PM.
- 3. Draw an obtuse angle using a protractor and label its measurement.
- 4. Riya measured an angle and found it to be 65°. Her friend said it was an obtuse angle. Is she correct? Justify your answer.
- 5. If one angle in a straight line is 135°, what is the measure of the other angle?
- 6. A carpenter is making a wooden frame and needs to make a right angle at one corner. Which instrument should he use to check the angle?

D. Measure each of the following angles with the help of a protractor and write the measurements in degrees.





