Measuring and Drawing an Angle

Measuring an Angle

1. **Fill in the blanks.**

   a. Two different rays with same initial point form an _____.

   b. The two rays forming an angle are called the _____ of the angle.

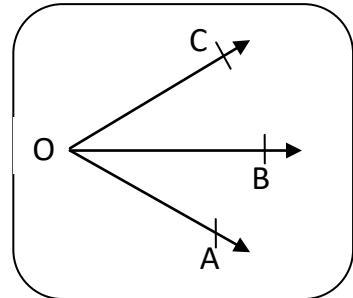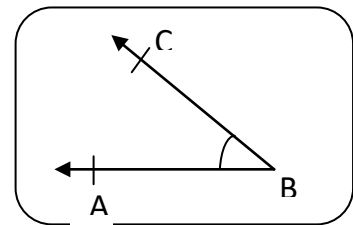   **c.** The common initial point of the two rays (arms) is called the _____ of the angle.

   d. Name of the angle: _____
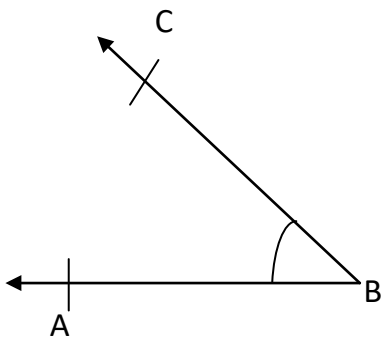
   Arms: _____

   Vertex: _____

   e. How many angles are formed in the given figure? _____

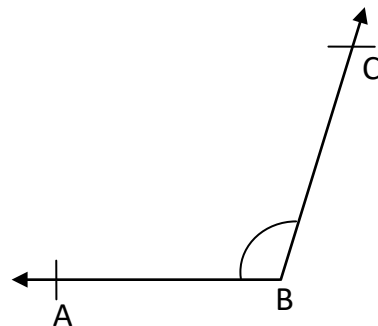   Name each angle. _____

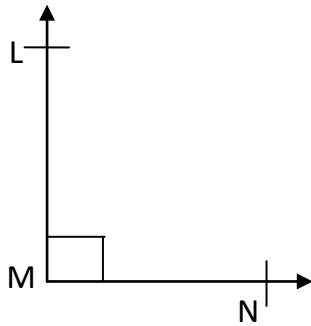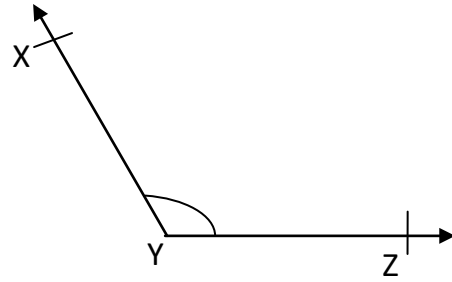2. **Measure each of the following angles with your protractor.**

   a.
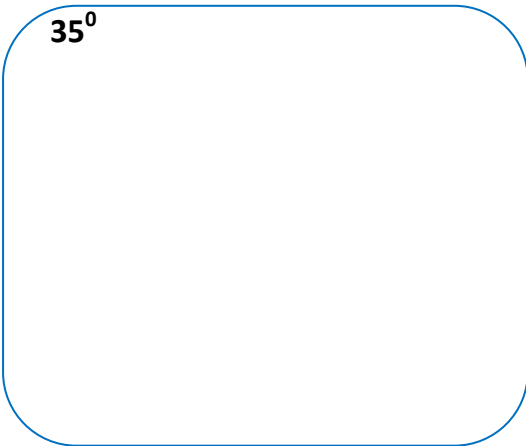
   b.

c.

d.

Drawing an Angle

3. **Construct the following angles using a protractor.**

a. 35^0
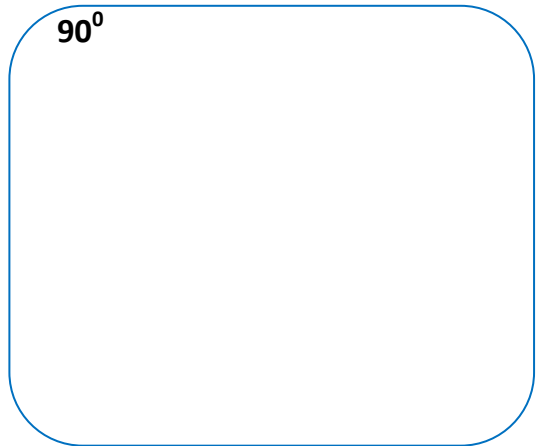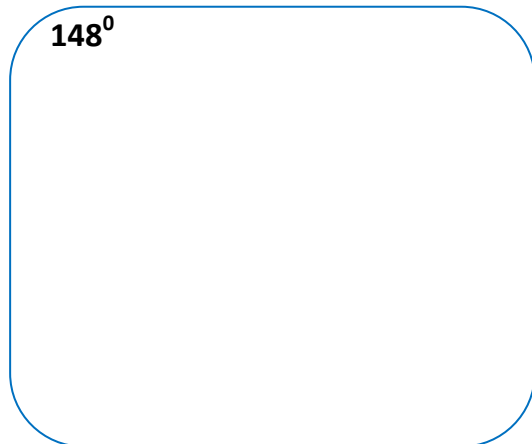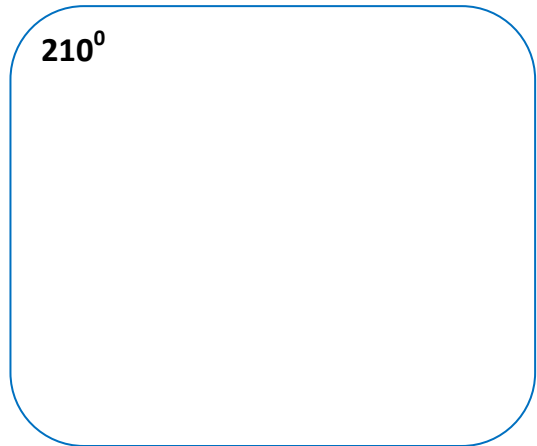
b. 90^0

c. 148^0

d. 210^0

4. Fill in the blanks.

    a. An angle whose measure is between 0^0 and 90^0 is called an_____ angle.

    b. An angle whose measure is 90^0 is called a _____ angle.

    c. An angle whose measure is between 90^0 and 180^0 is called an_____ angle.

    d. An angle whose measure is 180^0 is called a _____ angle.

5. Classify the angles whose measure are given below as acute, right or obtuse:

    a. 88^0 : _____ angle.   **b.** 90^0 : _____

    c. 95^0 : _____ angle.   **d.** 180^0 : _____