

## Basic Geometry Test 1



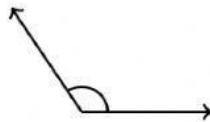
### 1. Match each word with the correct statement. Write the letter on the line

- |                               |  |
|-------------------------------|--|
| ____ i. Point                 | a. Part of a line having one end point.                              |
| ____ ii. Plane                | b. An exact location in space.                                       |
| ____ iii. Angle               | c. Two or more lines that cross or meet each other at a point.       |
| ____ iv. Ray                  | d. Part of a line having 2 endpoints.                                |
| ____ v. Parallel Lines        | e. Two lines that intersect to form a right angle.                   |
| ____ vi. Line                 | f. The shape formed when two rays meet at a vertex.                  |
| ____ vii. Perpendicular Lines | g. A series of points that go on endlessly in both directions.       |
| ____ viii. Intersecting Lines | h. Two or more lines that move in the same direction but never meet. |
| ____ ix. Line Segment         | i. A flat surface that extends endlessly in all directions.          |

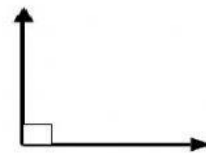
### 2. Write acute, obtuse, right, straight or reflex to describe the angles below.



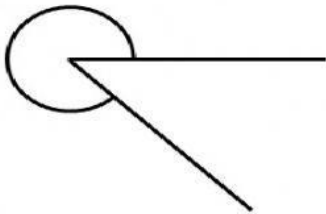
a. \_\_\_\_\_



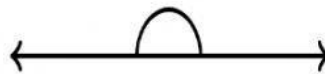
b. \_\_\_\_\_



c. \_\_\_\_\_



d. \_\_\_\_\_

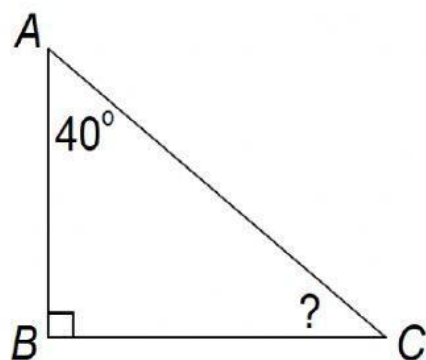


e. \_\_\_\_\_

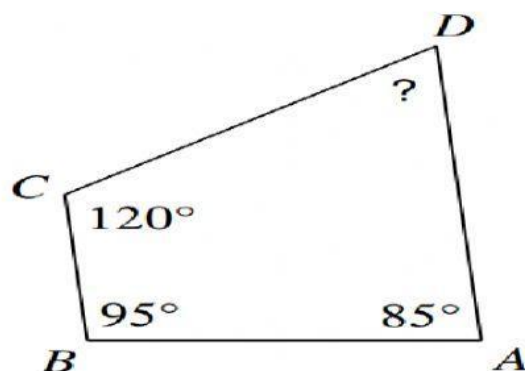
### 3. Fill in the blanks with the correct words.

- A \_\_\_\_\_ triangle has no equal sides or angles.
- Angles in a \_\_\_\_\_ add up to 360 degrees.
- Every \_\_\_\_\_ is a rectangle, rhombus and parallelogram.
- Angles in a \_\_\_\_\_ add up to 180 degrees.
- A \_\_\_\_\_ triangle has 2 equal sides and angles.

4. Calculate the missing angles in the following polygons.

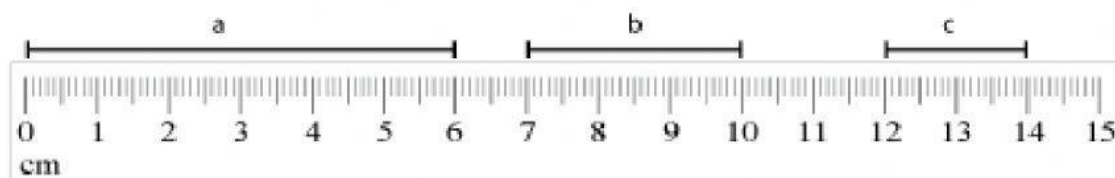


a. \_\_\_\_\_



b. \_\_\_\_\_

5. Measure the following line segments.

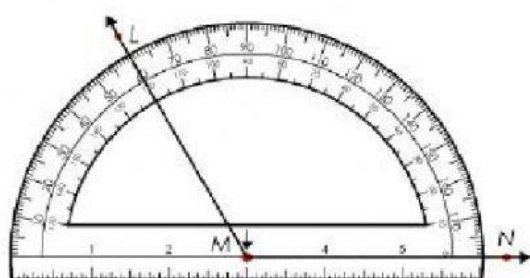


a = \_\_\_\_\_

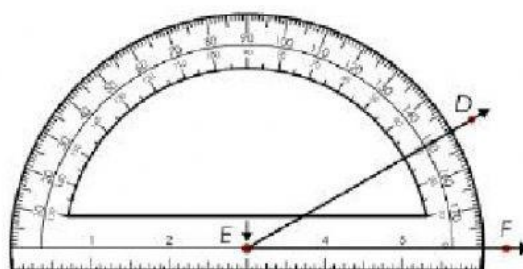
b = \_\_\_\_\_

c = \_\_\_\_\_

5. Measure the following angles.



$\angle LMN =$  \_\_\_\_\_



$\angle DEF =$  \_\_\_\_\_