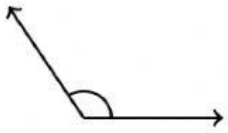
Basic Geometry Test 1

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

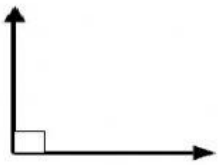
____ i. Point	a. Part of a line having one end point.
____ii. Plane	b. An exact location in space.
____ iii. Angle	c. Two or more lines that cross or meet each other at a point.
____iv. Ray	d. Part of a line having 2 endpoints.
____v. Parallel Lines	e. Two lines that intersect to form a right angle.
____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.
____viii. 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.

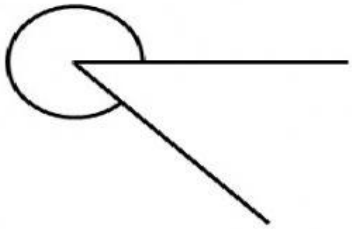
a. _____



b. _____



c. _____



d. _____

e. _____

3. Fill in the blanks with the correct words.

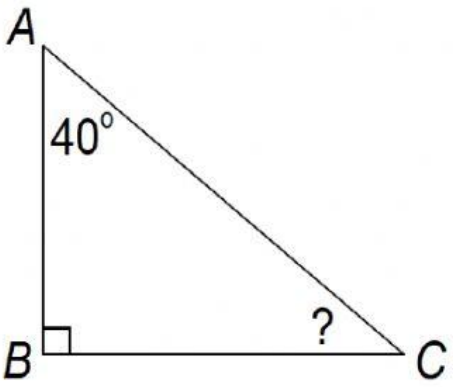
a. A _____ triangle has no equal sides or angles.

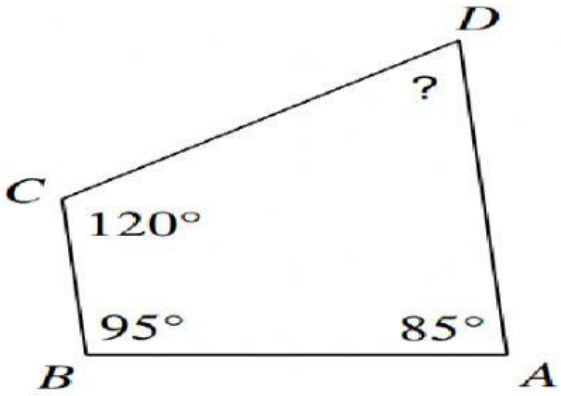
b. Angles in a _____add up to 360 degrees.

c. Every _____ is a rectangle, rhombus and parallelogram.

d. Angles in a _____ add up to 180 degrees.

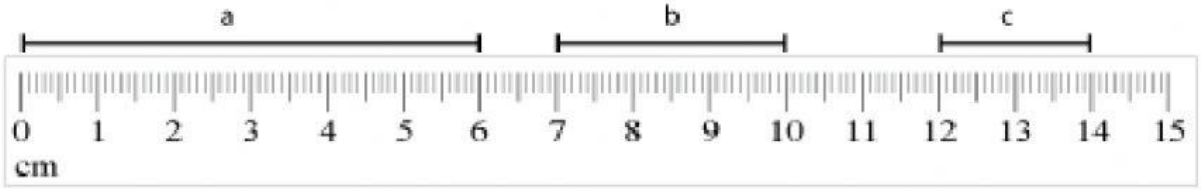
4. Calculate the missing angles in the following polygons.





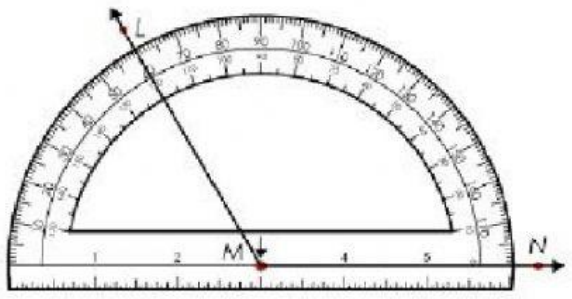
a. _____ b. _____

5. Measure the following line segments.

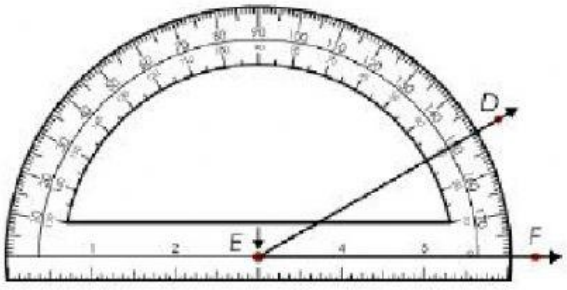


a = _____ b = _____ c = _____

5. Measure the following angles.



∠LMN = _____



∠DEF = _____