Basic Geometry Definitions - Guided Lesson Explanation

Explanation#1

a. Angles are named using the points on the angle and inserting the vertex in between. There are four angles formed by the intersection of lines MN and OP: OZM, OZN, MZP, NZP.

b. The intersecting lines are MN and OP.

Explanation#2

a. Perpendicular lines meet at a right angle (90°).

The answer is: AB and CD, or AB $\perp$ CD.

b. Angles which measure 90° are called right angles. We can see 4:

Answer is: CEB, AED, DEB, and CEA.

Explanation#3

a. The answer is AB.

b. Parallel lines are two lines on the same plane that never meet; they are the same distance apart at all points.

The answer is: LM and HK.