Classify Angles

Solve.

1. List these angle types in order from smallest to largest: obtuse, straight, right, acute.

2. Susan says this angle is a right angle. Jeremy says it’s acute. Who is correct, or are they both wrong? Explain. (Remember that angles measuring less than 90° are acute, and angles measuring greater than 90° are obtuse.)

3. What two angles would you get if you split a right angle in half? Tell the measure and classify the angles.

4. Classify the five angles marked in this quadrilateral.

5. What is another way to read an angle on a protractor?

6. Which is greater, the measure of a straight angle plus an acute angle, or the measure of two obtuse angles? Explain, with examples.