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Classifying Triangles You can classify triangles by their angle measures. An equiangular triangle, for example, is a triangle with three congruent angles. Examples of three other . Classifying Triangles and Quadrilaterals Date_____ Period____ Classify each triangle by its angles and sides. 1) equilateral 2) obtuse isosceles 3) obtuse scalene 4) acute isosceles 5) . For each triangle, mark the box that matches its type when classifying by sides. The marks on the sides of the triangles show when two sides are "congruent" or the same length. Classifying Triangles You can classify triangles by their angle measures. An equiangular triangle, for example, is a triangle with three congruent angles. Examples of three other triangle classifications are shown in the table. Acute Triangle Right Triangle Obtuse Triangle all acute angles one right angle one obtuse angle. Classifying Triangles and Quadrilaterals Date_____ Period____ Classify each triangle by its angles and sides. 1) equilateral 2) obtuse isosceles 3) obtuse scalene 4) acute isosceles 5) obtuse scalene 6) acute scalene 7) acute isosceles 8) right isosceles 9) 60° 60° 60° equilateral 10) 57° 55° 68° acute scalene Classifying Triangles in the Coordinate Plane. For each problem below: A) Plot each triangle on the coordinate plane. B) Find each side length and classify the triangle bas ed on the sides. C) Classify the triangle by angles. Justify right triangles using slope. 1) A (1, 6), B (1,2), and C (4,2). 2) A (-5, 1), B (3, 5) and C (2, -3).