Name Schlansky
Mr. Schlansky

Date _____
Geometry

Classifying Triangles

Classify the following triangles as acute/obtuse/right and scalene/isosceles/equilateral

1. 90°, 45°, 45°

90 + 45 = 135

180 − 135 = 45

right isosceles

2. 60°, 60°, 60°

60 + 60 = 120

180 − 120 = 60

acute equilateral

3. 110°, 40°, 30°

110 + 40 = 150

180 − 150 = 30

obtuse scalene

4. 30°, 80°, 70°

30 + 80 = 110

180 − 110 = 70

acute scalene

5. 20°, 70°, 90°

20 + 70 = 90

180 − 90 = 90

right scalene

6. 70°, 40°, 70°

70 + 40 = 110

180 − 110 = 70

acute isosceles