Mastery Check

1. Classify a triangle with the given side lengths as right, acute, or obtuse.

    a) $7, 9, 11$ **b)** $\sqrt{8}, 4, 6$ **c)** $2\sqrt{3}, \sqrt{13}, 5$

2. The sides and classification of a triangle are given below. The length of the longest side is the integer given. What value(s) of x make the triangle?

    x, 3x , 10; obtuse