Directions: Given the side lengths, determine whether the triangle is **acute**, **right**, **obtuse**, or **not a triangle**.

1. 15, 16, 21 ❑ Not a △ ❑ Acute ❑ Right ❑ Obtuse	**2.** 20, 23, 41 ❑ Not a △ ❑ Acute ❑ Right ❑ Obtuse
3. 10, 24, 26 ❑ Not a △ ❑ Acute ❑ Right ❑ Obtuse	**4.** 6, 13, 20 ❑ Not a △ ❑ Acute ❑ Right ❑ Obtuse

5. A blueprint for a new triangular park shows that the sides measure 240 ft, 70 ft, and 250 ft. Is the park in the shape of a right triangle? Explain.

6. Lady is making a mural for a class project with various types of different sized triangles including right triangles. Which of the following measurements **COULD NOT** represent the side lengths of a **right** triangle?

a) 3 in, 4 in, 5 in

b) 12in, 13in, 26in

c) 8 in, 15 in, 17in

d) 22in, 27in, 34in