Read each question and tick mark the correct answer option.

1. Which of the following set of angles would make up an isosceles triangle?

    a. 70˚, 70˚, 40˚   ✔

    b. 60˚, 60˚, 60˚

    c. 5˚, 5˚, 10˚

2. Explain how you would identify a scalene triangle.

    a. by its unequal angles and sides   ✔

    b. by its equal angles and sides

    c. by its size

5. Tom draws an angle that is 80˚. What type of triangle did Tom have after he added 12˚ to it?

    a. Right

    b. Obtuse   ✔

    c. Triangle

4. If any equilateral triangle has two sides that measure 15 feet in length. What is the length of the third side of the triangle?

    a. 10 feet

    b. 15 feet   ✔

    c. 30 feet

5. A scalene triangle has a 42˚ and a 72˚ angle. What is the third angle of the triangle?

    a. 66˚   ✔

    b. 90˚

    c. 65˚

6. If you were to draw an isosceles triangle which of the following would be true of your triangle?

    a. its sides would all be different lengths

    b. its sides would all be the same length

    c. it would have two sides of equal length   ✔