

$$2 + 2 = 4 \tag{13}$$

$$3 + 3 = 6 \tag{15}$$

$$4 + 4 = 8 \tag{23}$$

Hi.

**Theorem 1** *In a right triangle with sides  $a$ ,  $b$ , and  $c$ , the equation  $a^2 + b^2 = c^2$  holds.*

**Theorem 2 (The Pythagorean Theorem)** *In a right triangle with sides  $a$ ,  $b$ , and  $c$ , the equation  $a^2 + b^2 = c^2$  holds.*