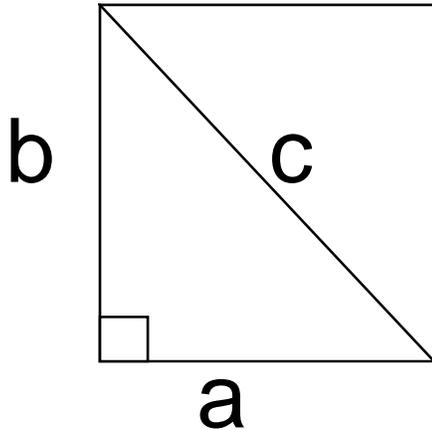


Going out of Business

Pythagorean Theorem



$$c^2 = a^2 + b^2$$

If $a = 19$ inches and $b = 21$ inches, solve for c using this theorem.

$$a^2 = 19 \times 19 = 361 \text{ square inches}$$

$$b^2 = 21 \times 21 = 441 \text{ square inches}$$

$$361 + 441 = 802$$

$$\sqrt{802} = 28.31960452\dots$$

$c = 28.3$ inches, to the nearest tenth of an inch

