Correct. The length of the cut, 20 in., is a hypotenuse of a right triangle. Call the side length of the square *x*. Use the Pythagorean Theorem:

$$x^2 + x^2 = 20^2$$

$$2x^2 = 400$$

$$x^2 = 200$$

$$x = \sqrt{200} \approx 14.1$$