Answer on Question #82562 – Math – Geometry

Question

If the legs of a right triangle measure 5 and 12cm respectively, the measure of the third side is what?

Solution

By the Pythagorean theorem, $c = \sqrt{a^2 + b^2} = \sqrt{5^2 + 12^2} = \sqrt{169} = 13$ cm.

Answer: 13 cm.