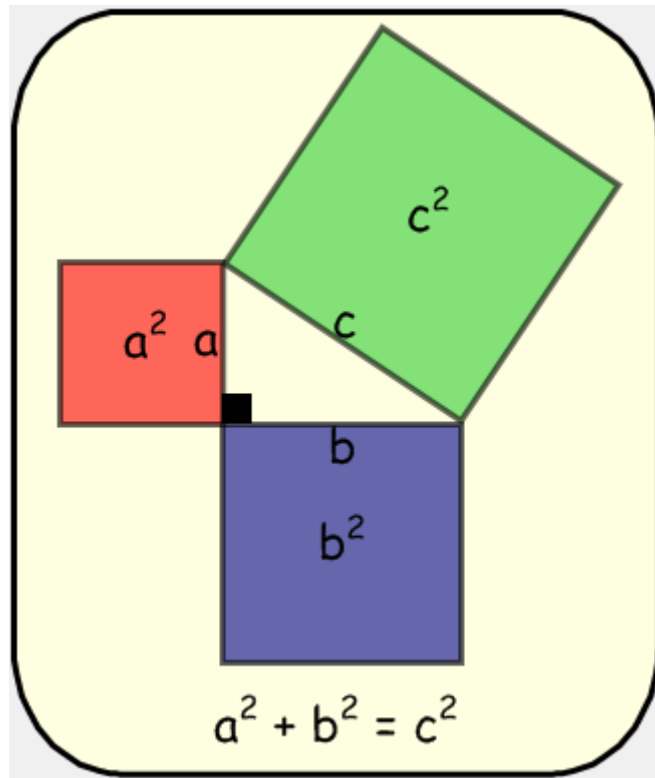
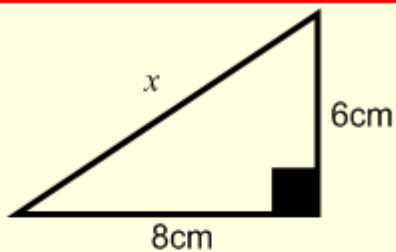


Pythagoras



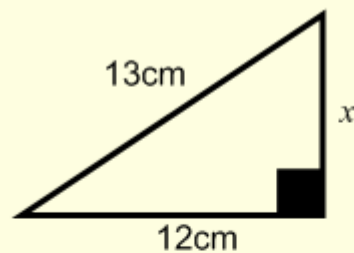
Finding a longer side



$$\begin{aligned}6^2 + 8^2 &= x^2 \\36 + 64 &= x^2 \\100 &= x^2 \\\sqrt{100} &= x \\x &= 10\end{aligned}$$

Square, Add, Sq Root

Finding a shorter side



$$\begin{aligned}13^2 - 12^2 &= x^2 \\169 - 144 &= x^2 \\25 &= x^2 \\\sqrt{25} &= x \\x &= 5\end{aligned}$$

Square, Subtract, Sq Root