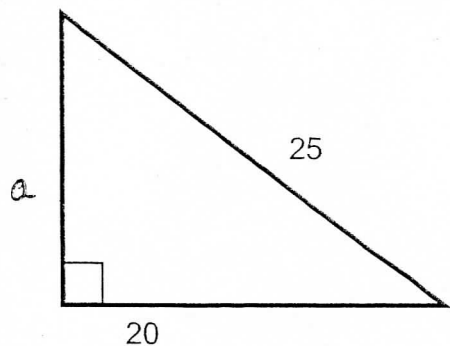


Name : _____ Score : _____

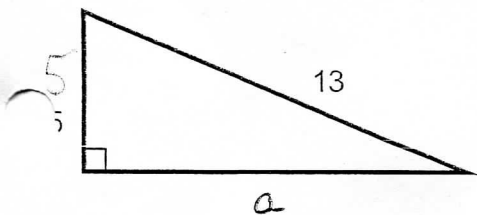
Teacher : _____ Date : _____

Find the length of the third side of each triangle.

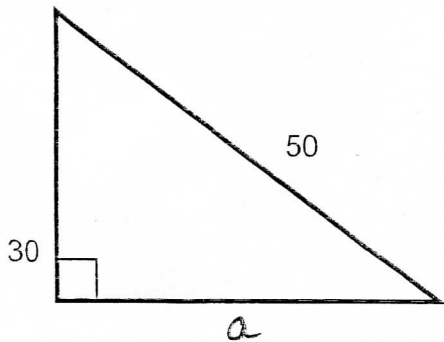
$$a^2 + b^2 = c^2 \dots \text{but we know } c$$



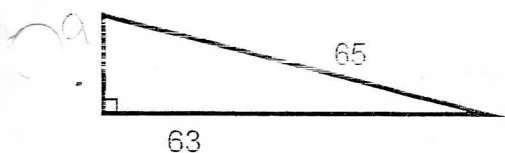
$$\begin{aligned} c^2 - b^2 &= a^2 \\ \underline{\quad}^2 - \underline{\quad}^2 &= a^2 \\ \underline{\quad}^2 - \underline{\quad}^2 &= a^2 \\ \underline{\quad}^2 &= a^2 \\ \sqrt{\quad} &= a \quad a = \underline{\quad} \end{aligned}$$



$$\begin{aligned} \sqrt{\quad} &= a \\ \underline{\quad} &= a \end{aligned}$$



$$\begin{aligned} \underline{\quad}^2 - \underline{\quad}^2 &= a^2 \\ \underline{\quad}^2 - \underline{\quad}^2 &= a^2 \\ \underline{\quad}^2 &= a^2 \\ \sqrt{\quad} &= a \end{aligned}$$



$$\begin{aligned} \underline{\quad}^2 - \underline{\quad}^2 &= a^2 \\ \underline{\quad}^2 - \underline{\quad}^2 &= a^2 \\ \underline{\quad}^2 &= a^2 \\ \sqrt{\quad} &= a \\ \underline{\quad} &= a \end{aligned}$$

