

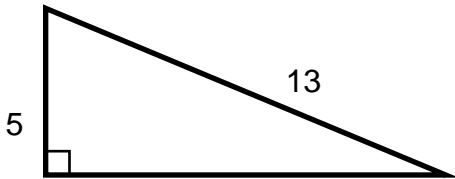
Name : _____

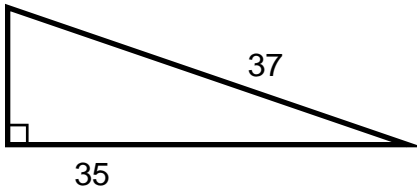
Score : _____

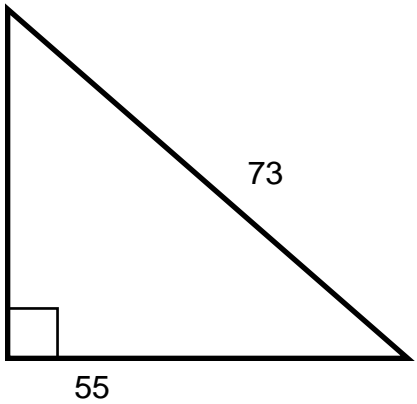
Teacher : _____

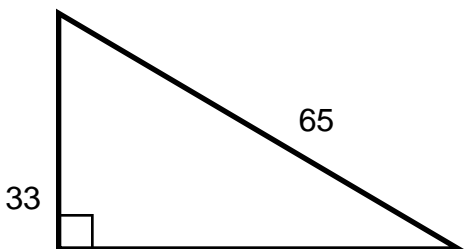
Date : _____

Find the length of the third side of each triangle.











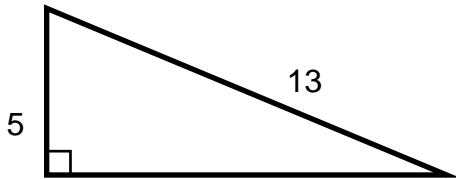
Name : _____

Score : _____

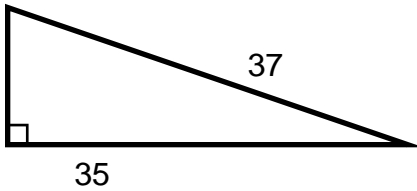
Teacher : _____

Date : _____

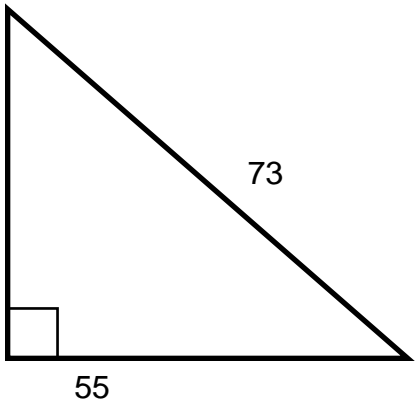
Find the length of the third side of each triangle.



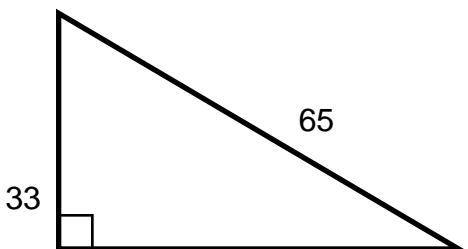
$$\begin{aligned}5^2 + b^2 &= 13^2 \\25 + b^2 &= 169 \\b^2 &= 169 - 25 \\b^2 &= 144 \\b &= \sqrt{144} \\b &= 12\end{aligned}$$



$$\begin{aligned}a^2 + 35^2 &= 37^2 \\a^2 + 1225 &= 1369 \\a^2 &= 1369 - 1225 \\a^2 &= 144 \\a &= \sqrt{144} \\a &= 12\end{aligned}$$



$$\begin{aligned}a^2 + 55^2 &= 73^2 \\a^2 + 3025 &= 5329 \\a^2 &= 5329 - 3025 \\a^2 &= 2304 \\a &= \sqrt{2304} \\a &= 48\end{aligned}$$



$$\begin{aligned}33^2 + b^2 &= 65^2 \\1089 + b^2 &= 4225 \\b^2 &= 4225 - 1089 \\b^2 &= 3136 \\b &= \sqrt{3136} \\b &= 56\end{aligned}$$

