

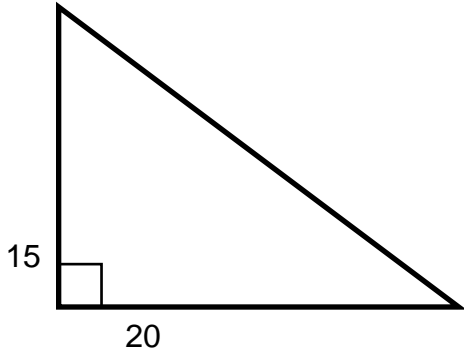
Name : _____

Score : _____

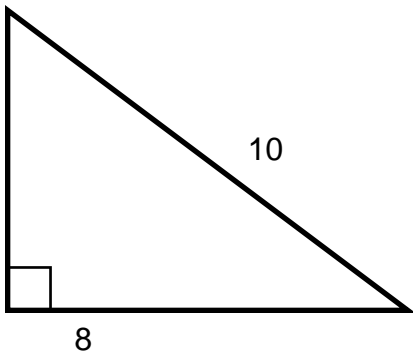
Teacher : _____

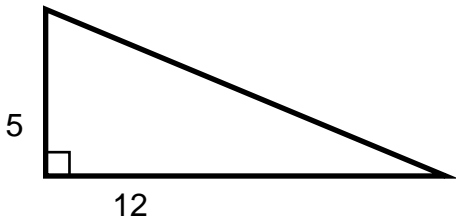
Date : _____

Find the length of the third side of each triangle.











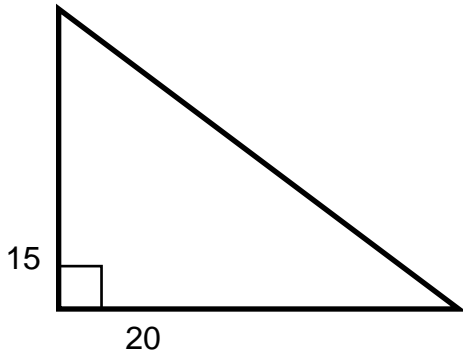
Name : _____

Score : _____

Teacher : _____

Date : _____

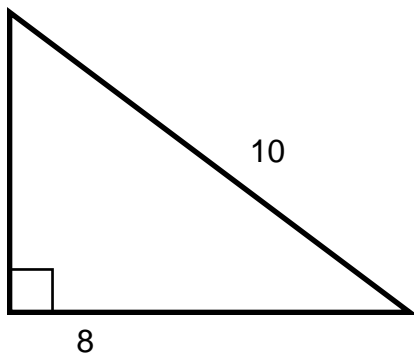
Find the length of the third side of each triangle.



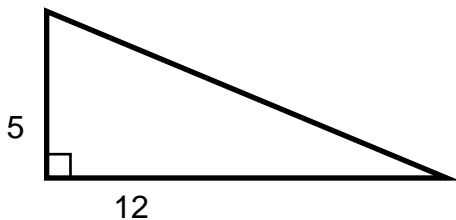
$$\begin{aligned} 15^2 + 20^2 &= c^2 \\ 225 + 400 &= c^2 \\ 625 &= c^2 \\ \sqrt{625} &= c \\ 25 &= c \end{aligned}$$



$$\begin{aligned} 13^2 + b^2 &= 85^2 \\ 169 + b^2 &= 7225 \\ b^2 &= 7225 - 169 \\ b^2 &= 7056 \\ b &= \sqrt{7056} \\ b &= 84 \end{aligned}$$



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



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

