

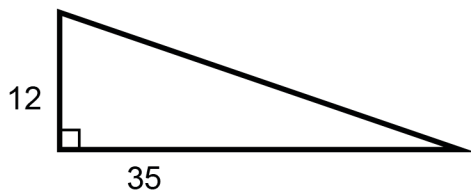
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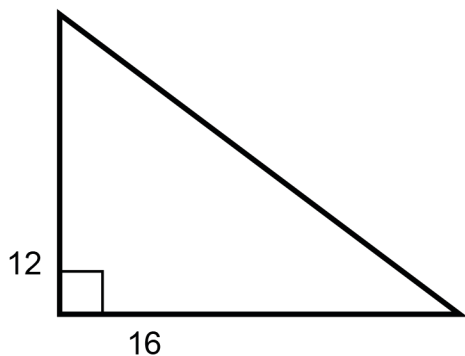
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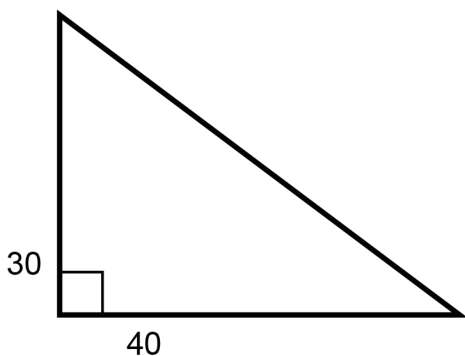
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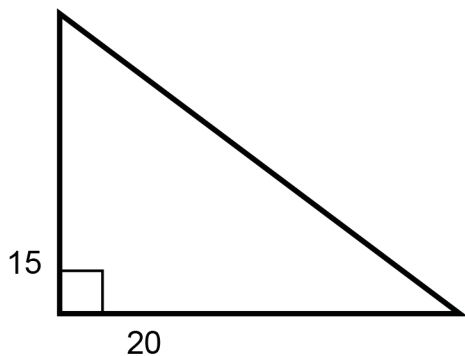
Date : _____

Find the length of the third side of each triangle.









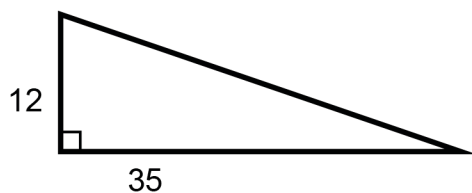
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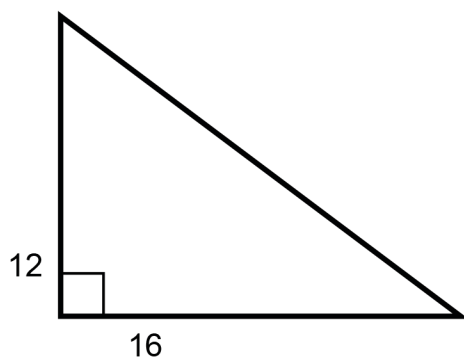
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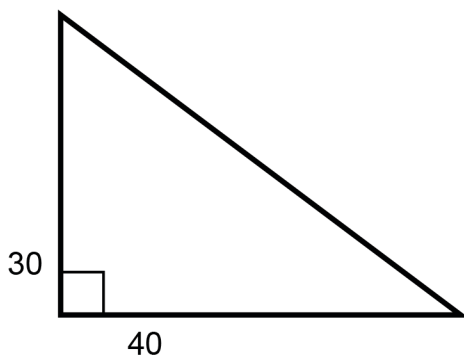
Find the length of the third side of each triangle.



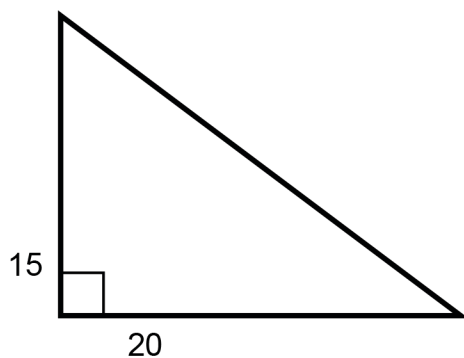
$$\begin{aligned} 12^2 + 35^2 &= c^2 \\ 144 + 1225 &= c^2 \\ 1369 &= c^2 \\ \sqrt{1369} &= c \\ 37 &= c \end{aligned}$$



$$\begin{aligned} 12^2 + 16^2 &= c^2 \\ 144 + 256 &= c^2 \\ 400 &= c^2 \\ \sqrt{400} &= c \\ 20 &= c \end{aligned}$$



$$\begin{aligned} 30^2 + 40^2 &= c^2 \\ 900 + 1600 &= c^2 \\ 2500 &= c^2 \\ \sqrt{2500} &= c \\ 50 &= c \end{aligned}$$



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