

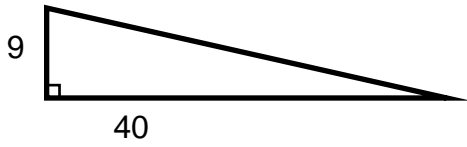
Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

**Find the length of the third side of each triangle.**



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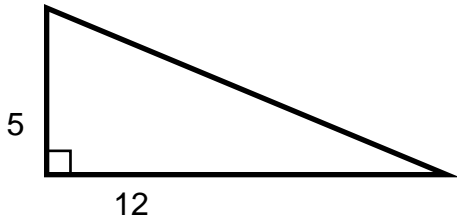
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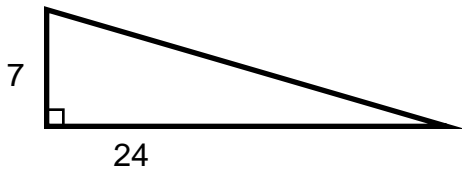
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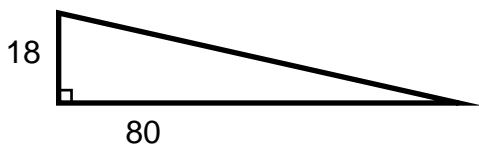
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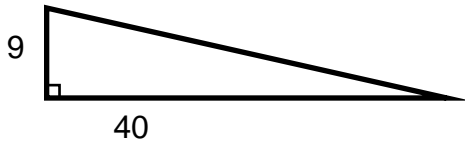
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Score : \_\_\_\_\_

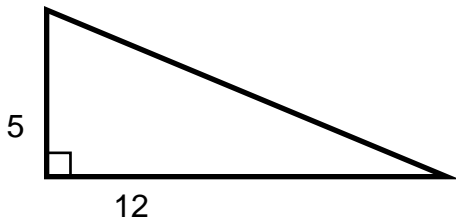
Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

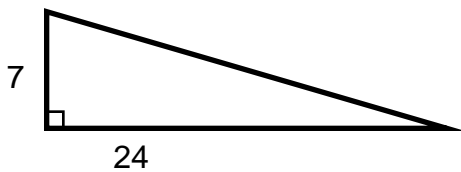
**Find the length of the third side of each triangle.**



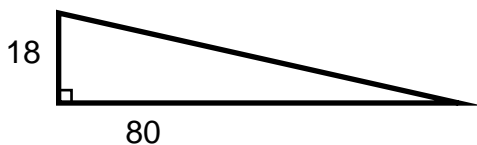
$$\begin{aligned}9^2 + 40^2 &= c^2 \\81 + 1600 &= c^2 \\1681 &= c^2 \\\sqrt{1681} &= c \\41 &= c\end{aligned}$$



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



$$\begin{aligned}7^2 + 24^2 &= c^2 \\49 + 576 &= c^2 \\625 &= c^2 \\\sqrt{625} &= c \\25 &= c\end{aligned}$$



$$\begin{aligned}18^2 + 80^2 &= c^2 \\324 + 6400 &= c^2 \\6724 &= c^2 \\\sqrt{6724} &= c \\82 &= c\end{aligned}$$

