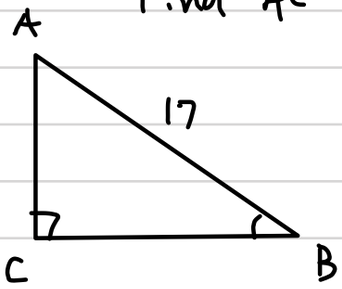
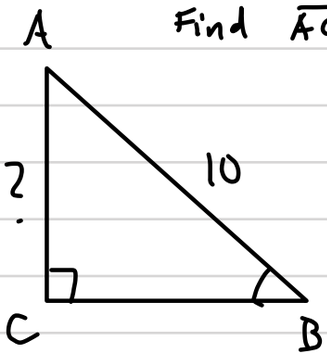
Missing Sides and Calculator Work

① Find $\overline{AC}$



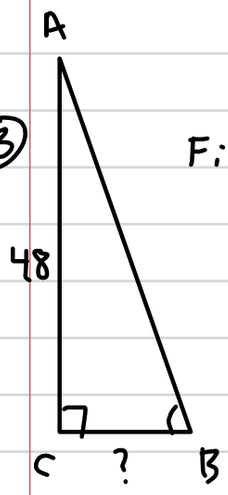
$\sin B = \frac{15}{17}$ $\cos(B) = \frac{8}{17}$ $\tan B = \frac{15}{8}$

② Find $\overline{AC}$



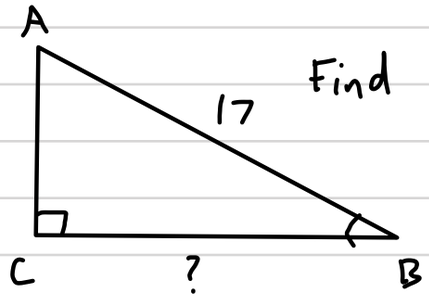
$\sin B = \frac{3}{5}$ $\cos B = \frac{4}{5}$ $\tan B = \frac{3}{4}$

③ Find $\overline{BC}$



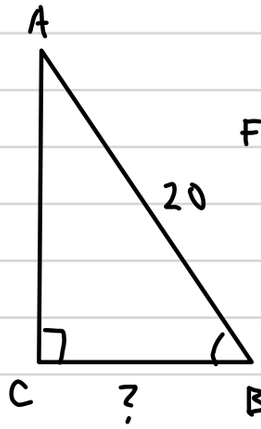
$\sin B = \frac{24}{25}$ $\cos B = \frac{7}{25}$, $\tan B = \frac{24}{7}$

④ Find $\overline{BC}$



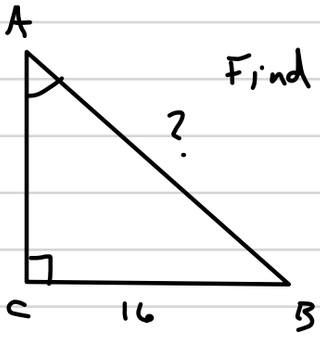
$\sin B = \frac{8}{17}$, $\cos B = \frac{15}{17}$ $\tan B = \frac{8}{15}$

⑤ Find $\overline{BC}$



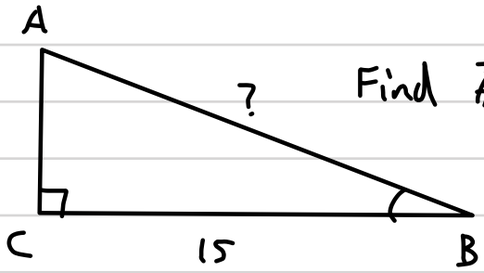
$\sin B = \frac{4}{5}$, $\cos B = \frac{3}{5}$, $\tan B = \frac{4}{3}$

⑥ Find $\overline{AB}$



$\sin A = \frac{4}{5}$, $\cos A = \frac{3}{5}$ $\tan A = \frac{4}{3}$

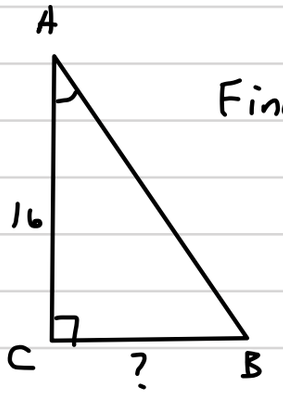
⑦



Find $\overline{AB}$

$\sin B = \frac{8}{17}$ $\cos B = \frac{15}{17}$ $\tan B = \frac{8}{15}$

⑧



Find $\overline{BC}$

$\sin A = \frac{3}{5}$ $\cos A = \frac{4}{5}$ $\tan A = \frac{3}{4}$

Use a calculator to find the following to 3 decimal places.

⑨ $\sin 32^\circ =$
$\csc 32^\circ =$

⑩ $\tan 48^\circ =$
$\cot 48^\circ =$

⑪ $\cos 15^\circ =$
$\sec 15^\circ =$

⑫ $\cot 30^\circ =$

⑬ $\csc 100^\circ =$

⑫ $\sec 60^\circ =$