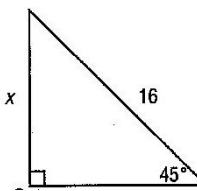
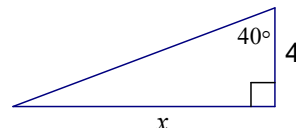
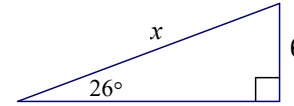
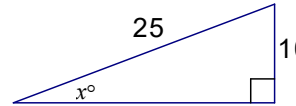
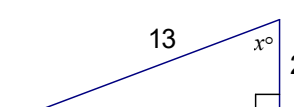
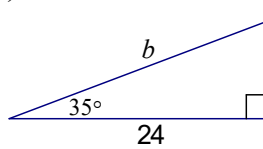
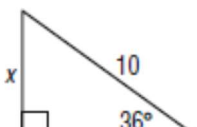
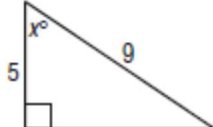
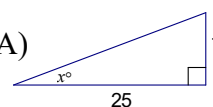
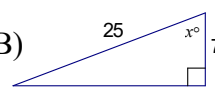

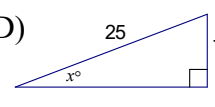
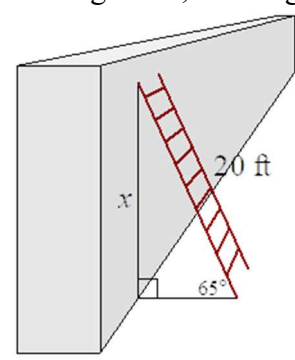
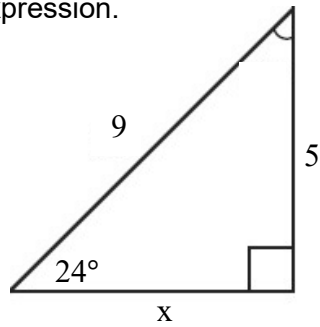


# Mod 13 Review

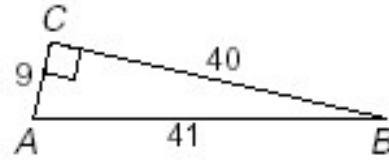
Round all answers to the nearest tenth.

<p>1) Find <math>x</math>.</p> 	<p>2) Find <math>x</math>.</p> 
<p>3) Find <math>x</math>.</p> 	<p>4) Find <math>x</math>.</p> 
<p>5) Find <math>x</math>.</p> 	<p>6) Find <math>b</math>.</p> 
<p>7) Find <math>x</math>.</p> 	<p>8) Find <math>x</math>.</p> 
<p>9) In a right triangle, <math>\cos x = \frac{7}{25}</math>. Which correctly shows the triangle?</p> <div style="display: flex; flex-wrap: wrap; justify-content: space-around;"> <div style="text-align: center; margin: 5px;"> <p>(A) </p> </div> <div style="text-align: center; margin: 5px;"> <p>(B) </p> </div> <div style="text-align: center; margin: 5px;"> <p>(C) </p> </div> <div style="text-align: center; margin: 5px;"> <p>(D) </p> </div> </div>	<p>10) If a 20-foot ladder makes a <math>65^\circ</math> angle with the ground, how high up a wall will it reach?</p> 

11) Determine whether each expression can be used to find the value of  $x$ . Mark Yes or No for each expression.



Expression	Yes	No
$5 \tan 24^\circ$		
$9 \cos 24^\circ$		
$9 \sin 24^\circ$		
$\frac{5}{\tan 24^\circ}$		
$5 \cos 24^\circ$		
$5 \sin 24^\circ$		



12) What is  $\tan \angle B$ ?      13) What is  $\sin \angle B$ ?

A  $\frac{9}{41}$

A  $\frac{9}{41}$

B  $\frac{9}{40}$

B  $\frac{9}{40}$

C  $\frac{40}{41}$

C  $\frac{40}{41}$