

#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

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#Che Salsa



My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

Name Key Period \_\_\_\_\_

**HONORS GEOMETRY REVIEW (7.4-7.6)**  
**SPECIAL RIGHT TRIANGLES (45-45-90 and 30-60-90)**  
 Find the value of each variable. Write your answers in simplest radical form.

1.  $x = 5$   
 $y = 4\sqrt{3}$   $x = 2\sqrt{3}$   
 $y = 12$   $x = 8\sqrt{3}$

2.  $x = 7\sqrt{2}$   
 $x = 7$   $y = 7$

3.  $x = 5\sqrt{2}$   
 $y = \frac{5\sqrt{3}}{2}$   $x = 7.5$

4.  $x = 2\sqrt{2}$   
 $x = 2\sqrt{3}$   $y = 12\sqrt{3}$   
 $x = 24\sqrt{3}$   $y = 36$

5.  $x = 12\sqrt{2}$   
 $x = 12$   $y = 12$

6.  $x = 4\sqrt{2}$   
 $x = 4\sqrt{3}$   $y = 4\sqrt{3}$   
 $y = 2\sqrt{3}$   $x = 9\sqrt{3}$   
 $y = 9$

**SINE, COSINE, AND TANGENT**  
 Find the value of each variable to the nearest tenth.

7.  $\tan 53 = \frac{a}{b}$   $a = 16.4$   
 $\sin 53 = \frac{a}{c}$   $c = 27.5$

8.  $\sin 30 = \frac{c}{b}$   $c = 8.1$   
 $\cos 30 = \frac{b}{c}$   $b = 4.2$

9.  $\tan 58 = \frac{g}{h}$   $g = 15.9$   
 $\cos 58 = \frac{h}{c}$   $h = 18.8$

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**Honors Geometry 104 Answers**