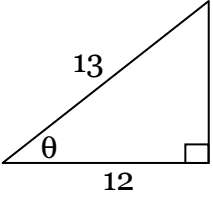
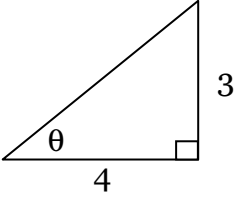


Name _____ Date _____

Find the value of the six trigonometric functions of the angle.

<p>1)</p> 	<p>2)</p> 		
<p>3) $\tan \theta = 3/4$</p>	<p>4) $\sin \theta = 1/2$</p>		
<p>Find 2 angles, one with a positive and the other with a negative measure, that are coterminal to the given angle.</p>			
<p>5) 105°</p>	<p>6) -75°</p>	<p>7) $4\pi/3$</p>	<p>8) $-\pi/4$</p>
<p>Convert degrees to radians.</p>		<p>Convert radians to degrees.</p>	
<p>9) 2°</p>	<p>10) 37°</p>	<p>11) $2\pi/9$</p>	<p>12) 3</p>
<p>Evaluate the function without using a calculator.</p>			
<p>13) $\tan 135^\circ$</p>	<p>14) $\sin (-60^\circ)$</p>	<p>15) $\cos 210^\circ$</p>	<p>16) $\sec (-315^\circ)$</p>
<p>17) $\cot (7\pi/6)$</p>	<p>18) $\csc(2\pi/3)$</p>	<p>19) $\tan 7\pi/3$</p>	<p>20) $\sin(-3\pi/4)$</p>
<p>Evaluate the expression. Write the result in degrees and radians</p>			
<p>21) $\arcsin \frac{\sqrt{3}}{2}$</p>	<p>22) $\arctan 1$</p>	<p>23) $\arccos \frac{1}{2}$</p>	<p>24) $\arctan - \frac{1}{\sqrt{3}}$</p>
<p>Solve the triangle.</p>			
<p>25) $A = 23^\circ, B = 57^\circ, c = 12$</p>	<p>26) $A = 23^\circ, B = 57^\circ, a = 12$</p>	<p>27) $A = 42^\circ, a = 10, b = 21$</p>	