

Evaluate each of the following. Find the letter which corresponds to each answer and write that letter in the appropriate space provided.

Why do so many students study trigonometry?

1. $\csc \frac{\pi}{6} =$
2. $\sin \frac{11\pi}{6} =$
3. $\tan \frac{4\pi}{3} =$
4. $\cos \frac{11\pi}{6} =$
5. $\sec \frac{5\pi}{3} =$
6. $\sin \frac{3\pi}{4} =$
7. $\csc \frac{7\pi}{6} =$
8. $\cos \frac{4\pi}{3} =$
9. $\sin \frac{\pi}{2} =$
10. $\sec \frac{7\pi}{4} =$

Because

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>			
$I = 2$	$R = \frac{\sqrt{3}}{2}$	$H = -2$	$T = -\frac{1}{2}$	$G = \frac{1}{2}$	$N = \sqrt{2}$	$A = -\frac{1}{2}$	$O = 1$	$F = \frac{1}{2}$	$A = -\frac{1}{2}$	$C = \frac{1}{\sqrt{3}}$	$S = \sqrt{3}$	$E = -\frac{\sqrt{3}}{2}$

Did you hear about the girl who backed into a fan?

1. $\sin 240 =$
2. $\cos 315 =$
3. $\tan 135 =$
4. $\cot 225 =$
5. $\tan 315 =$
6. $\sec 210 =$
7. $\sin 150 =$
8. $\csc 120 =$

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	
$E = \frac{1}{2}$	$B = -\frac{1}{2}$	$I = \frac{1}{\sqrt{2}}$	$D = -\frac{\sqrt{3}}{2}$	$C = \sqrt{3}$	$A = 1$	$T = -\frac{\sqrt{3}}{3}$	$S = -1$	$R = \frac{2}{\sqrt{3}}$