

$$\boxed{17} \quad \cos \theta \tan \theta = \cos \theta \cdot \frac{\sin \theta}{\cos \theta} = \sin \theta$$

Graph $Y_1 = \cos(X) \tan(X)$ and $Y_2 = \sin(X)$ in $[-2\pi, 2\pi, \pi/2]$ by $[-4, 4, 1]$.

Table Y_1 and Y_2 together in degree mode starting at $x = 0$, incrementing by 50.

Graph Y_1 is shown in *Figure 17a*. Graph Y_2 is shown in *Figure 17b*. The table is shown in *Figure 17c*.

$[-2\pi, 2\pi, \pi/2]$ by $[-4, 4, 1]$

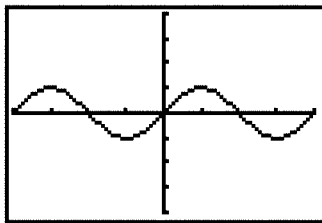


Figure 17a

$[-2\pi, 2\pi, \pi/2]$ by $[-4, 4, 1]$

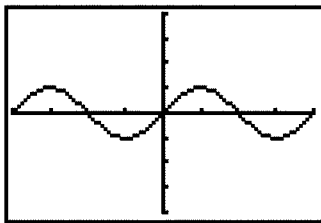


Figure 17b

X	Y_1	Y_2
0	0	0
50	.76604	.76604
100	.98481	.98481
150	.5	.5
200	-.342	-.342
250	-.9397	-.9397
300	-.866	-.866

$Y_1 = \cos(X) \tan(X)$

Figure 17c