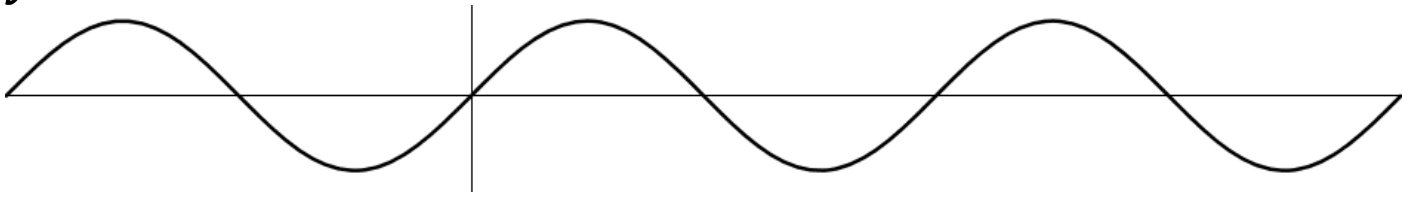
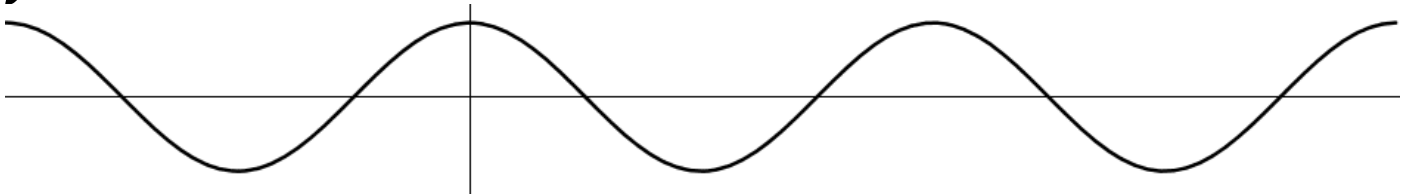


Trig Graphs

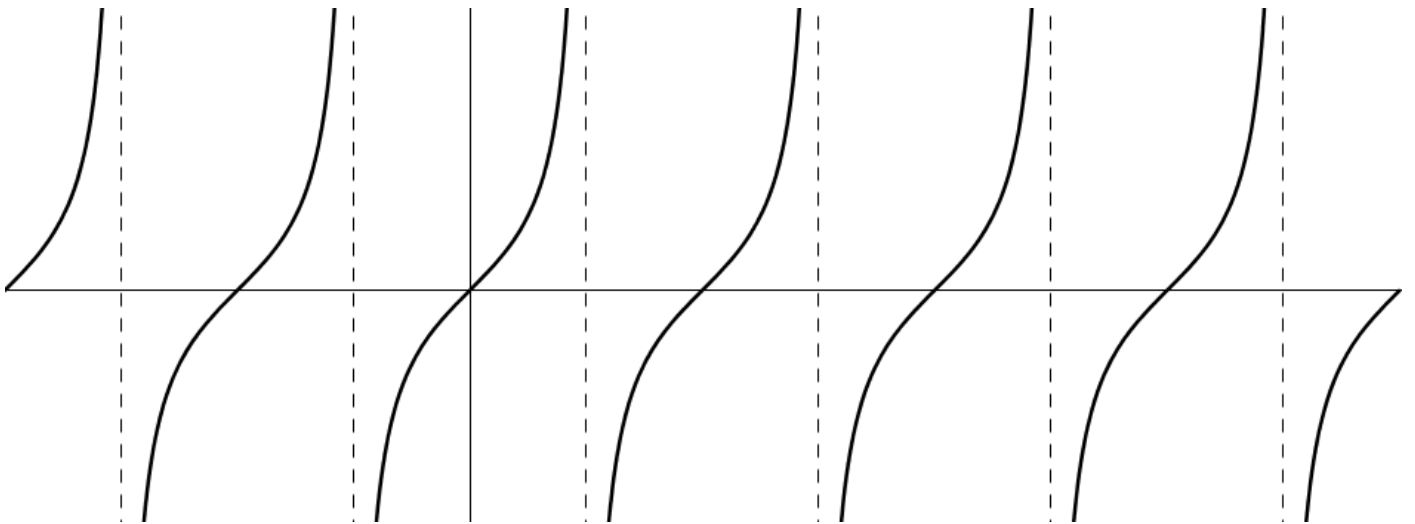
$$y = \sin x$$



$$y = \cos x$$



$$y = \tan x$$



Annotate the graphs above, then use the symmetry of the functions along with the values given below to work out the missing values from the graphs:

$$\sin(30) = \frac{1}{2}$$

$$\cos(45) = \frac{1}{\sqrt{2}}$$

$$\tan(30) = \frac{1}{\sqrt{3}}$$

$$\sin(150) =$$

$$\cos(-45) =$$

$$\tan(210) =$$

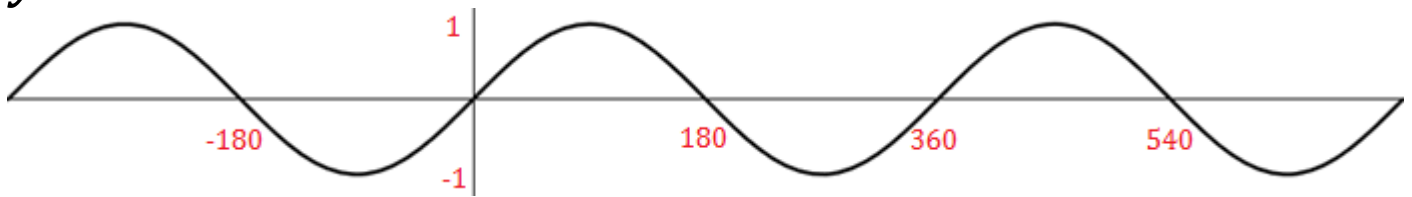
$$\sin(-30) =$$

$$\cos(315) =$$

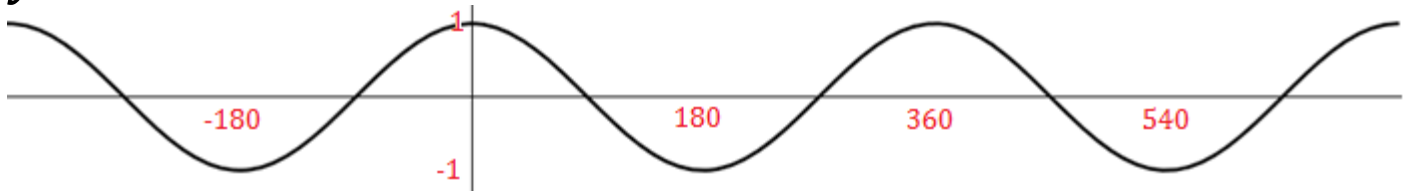
$$\tan(150) =$$

Trig Graphs SOLUTIONS

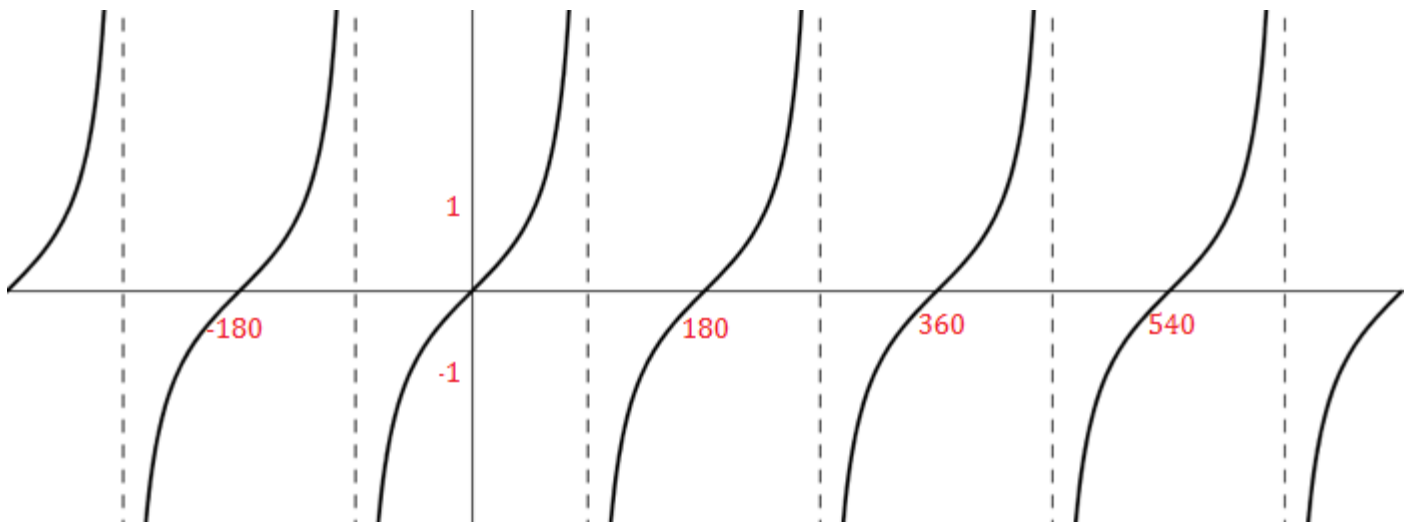
$$y = \sin x$$



$$y = \cos x$$



$$y = \tan x$$



Annotate the graphs above, then use the symmetry of the functions along with the values given below to work out the missing values from the graphs:

$$\sin(30) = \frac{1}{2}$$

$$\cos(45) = \frac{1}{\sqrt{2}}$$

$$\tan(30) = \frac{1}{\sqrt{3}}$$

$$\sin(150) = \frac{1}{2}$$

$$\cos(-45) = \frac{1}{\sqrt{2}}$$

$$\tan(210) = \frac{1}{\sqrt{3}}$$

$$\sin(-30) = -\frac{1}{2}$$

$$\cos(315) = \frac{1}{\sqrt{2}}$$

$$\tan(150) = -\frac{1}{\sqrt{3}}$$