

1. Graph $y = |\sin x|$ on $-2\pi \leq x \leq 2\pi$.
2. Graph $x = \sin y$ on $-2\pi \leq y \leq 2\pi$.
3. Graph $y = \sin^{-1} x$
4. Find all values of x in $[0, 2\pi]$ for which $\sin 2x > 0$.