

Identify the maximum and minimum values and the zeros of the function in the interval of $[-2\pi, 2\pi]$. Use your understanding of transformations, not your calculator.

$$y = 2 \sin x$$

$$y = 3 \cos \frac{x}{2}$$

$$y = \cos 2x$$

$$y = \frac{1}{2} \sin x$$

$$y = -\cos 2x$$

$$y = -2 \sin x$$