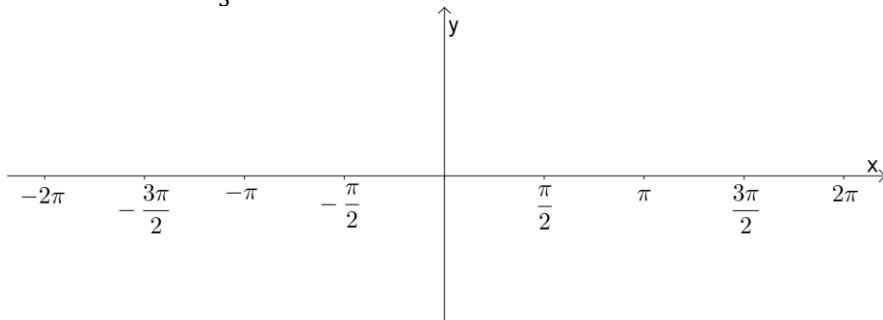
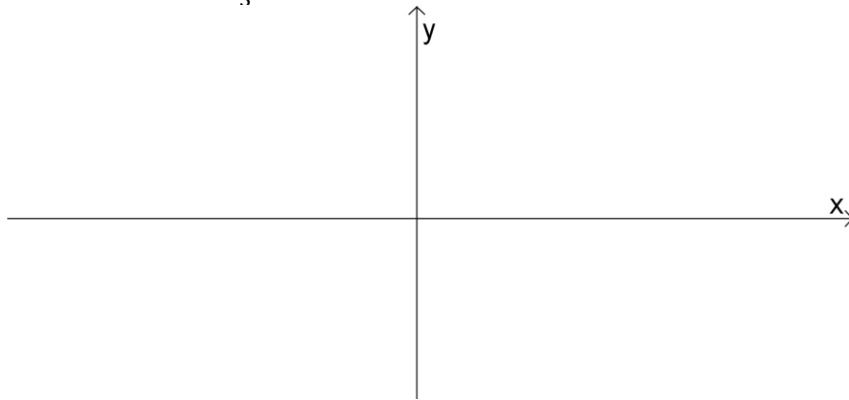


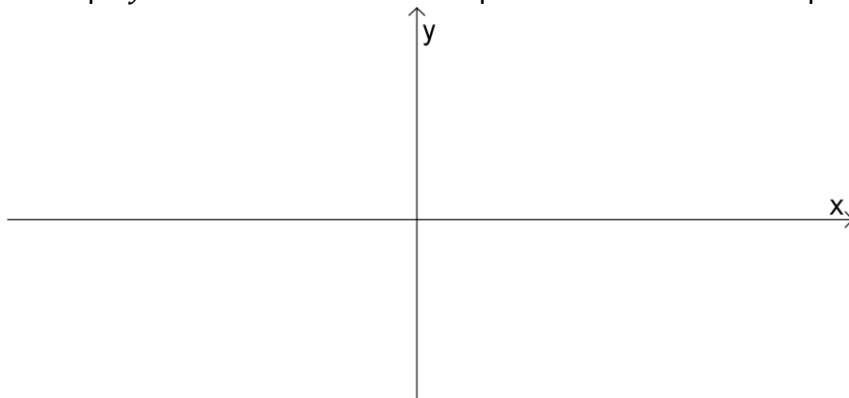
1. Graph $y = -\frac{2}{3} \sin x$ over the interval $[-2\pi, 2\pi]$. Give the amplitude.



2. Graph $y = \cos \frac{1}{3}x$ over a two-period interval. Give the period and the amplitude.



3. Graph $y = -3 \cos \pi x$ over a two-period interval. Give the period and the amplitude.



Q: The following number is the only one of its kind. 8,549,176,320 Can you figure out what is so special about it?