

Cosine Graph with Dilations

$$y = \cos x$$

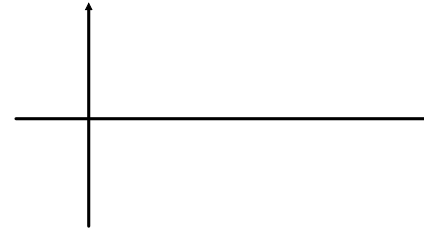


amplitude:
period:
domain:
range:

In general: $y = \pm a \cdot \cos(bx)$

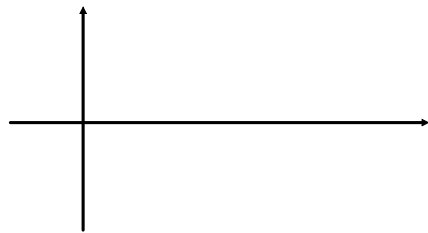


1) $y = 4 \cos \frac{3x}{4}$



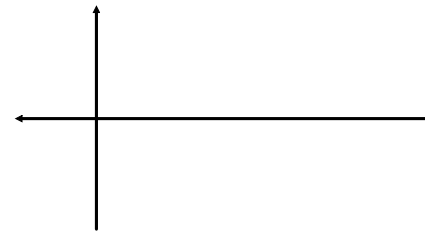
amplitude:
period:
domain:
range:

2) $y = -\frac{1}{2} \cos \frac{3\pi x}{5}$



amplitude:
period:
domain:
range:

3) $y = 2 \cos(4\theta)$



amplitude:
period:
domain:
range: