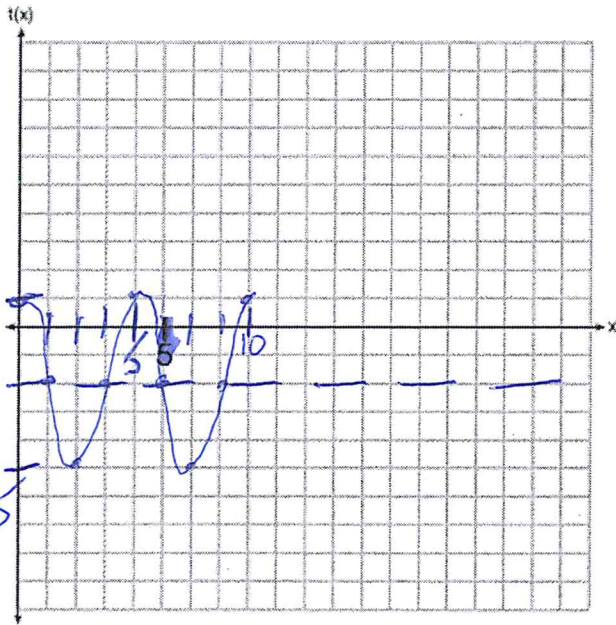


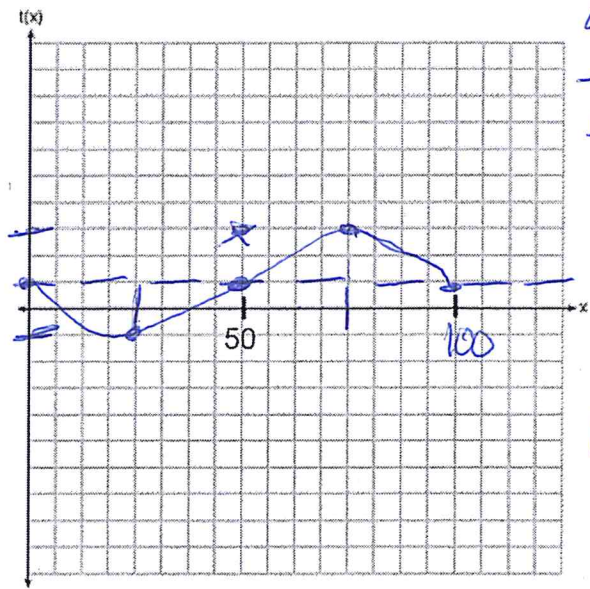
5. On the set of axes below, graph
 $y = 3 \cos \frac{2\pi}{5} x - 2$ over the domain $[0, 10]$

amp = 3
 +cos
 $f = \frac{2\pi}{5}$
 shift = -2
 $p = \frac{2\pi}{\frac{2\pi}{5}}$
 $\frac{2\pi}{1} \cdot \frac{5}{2\pi} = 5$



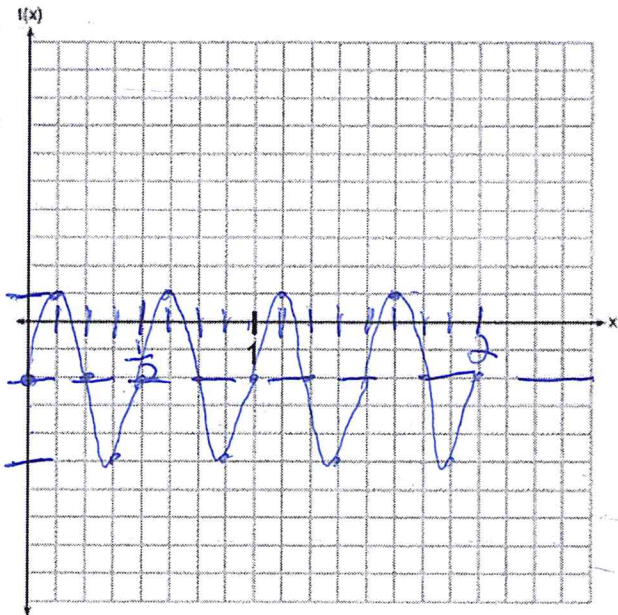
6. On the set of axes below, graph
 $y = -2 \sin \frac{\pi}{50} x + 1$ over the domain $[0, 100]$

amp = 2
 -sin
 $f = \frac{\pi}{50}$
 shift = 1
 $p = \frac{2\pi}{\frac{\pi}{50}}$
 $\frac{2\pi}{1} \cdot \frac{50}{\pi}$
 $p = 100$



7. On the set of axes below, graph
 $y = 3 \sin 4\pi x - 2$ over the domain $[0, 2]$

amp = 3
 +sin
 $f = 4\pi$
 shift = -2
 $p = \frac{2\pi}{4\pi} = \frac{1}{2}$



8. On the set of axes below, graph
 $P(t) = 24 \cos(3\pi t) + 120$ over the domain
 $0 \leq t \leq 2$

X scale is $\frac{1}{6}$
 $\frac{2}{3} = \frac{4}{6}$
 y scale is by 6 since all values are multiples of 6
 amp = 24
 +cos
 $f = 3\pi$
 shift = 120
 $p = \frac{2\pi}{3\pi} = \frac{2}{3}$

