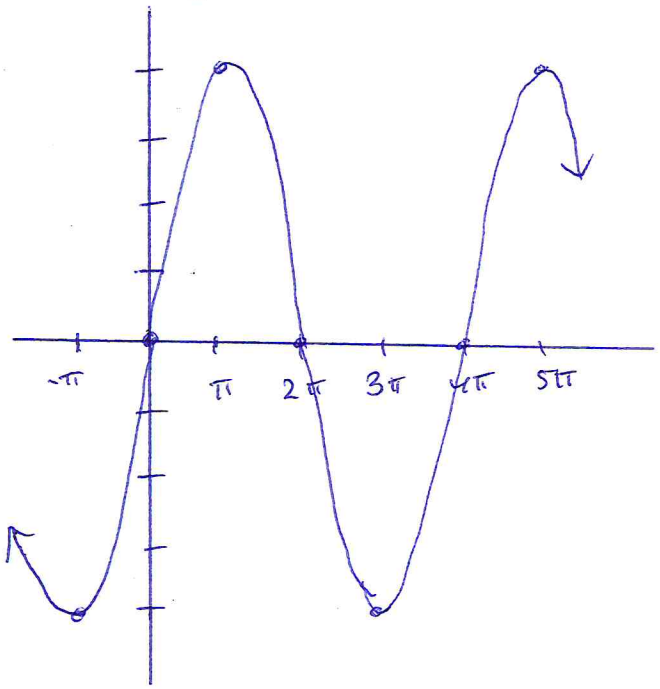
$a=4$ $b=\frac{1}{2}$ $P=\frac{2\pi}{\frac{1}{2}}=\frac{2\pi}{1}\cdot\frac{2}{1}=4\pi$

$a=\frac{1}{2}$, $b=4$, $P=\frac{2\pi}{4}=\pi/2$

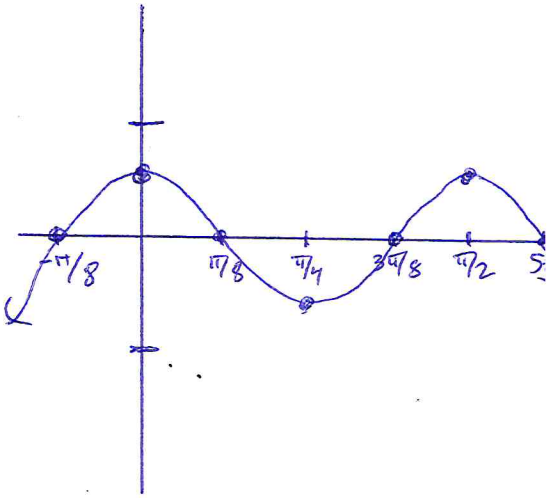
5) $y=4\sin\frac{\theta}{2}$

θ	y
0	0
π	4
2π	0
3π	-4
4π	0



6) $y=\frac{1}{2}\cdot\cos 4\theta$

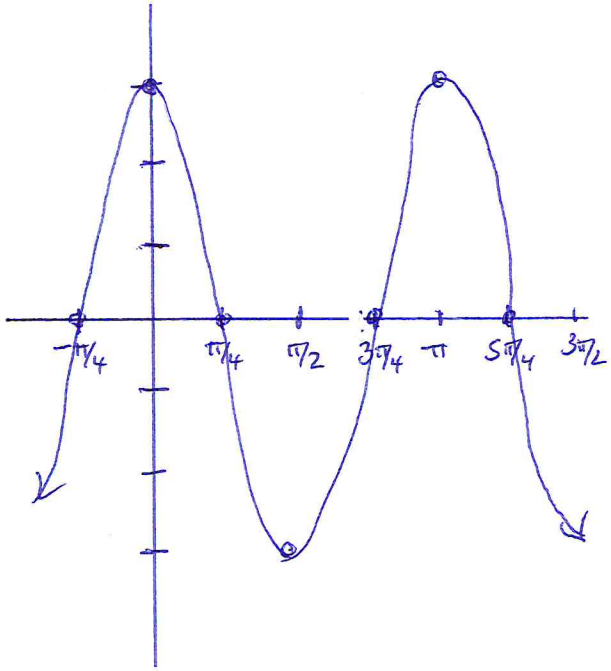
θ	y
0	½
$\pi/8$	0
$\pi/4$	-½
$3\pi/8$	0
$\pi/2$	½



$a=3$ $b=2$ $P=\frac{2\pi}{2}=\pi$

7) $y=3\cos 2\theta$

θ	y
0	3
$\pi/4$	0
$\pi/2$	-3
$3\pi/4$	0
π	3



$a=2$, $b=1/4$, $P=\frac{2\pi}{1/4}=\frac{2\pi}{1}\cdot\frac{4}{1}=8$

8) $y=2\sin\frac{\theta}{4}$

θ	y
0	0
2π	2
4π	0
6π	-2
8π	0