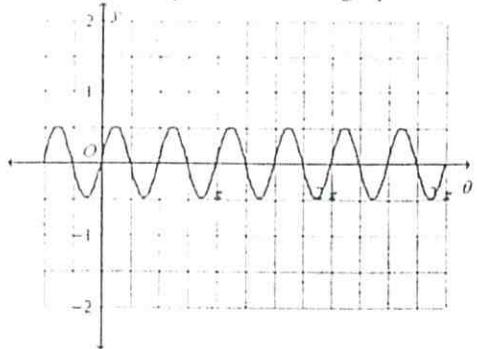
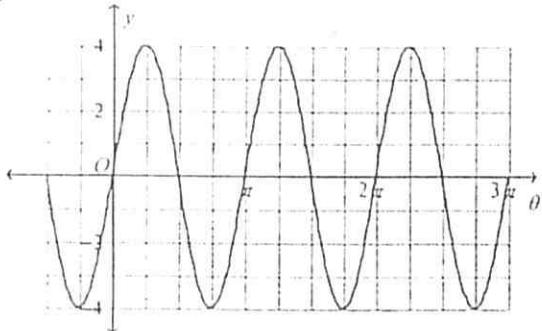


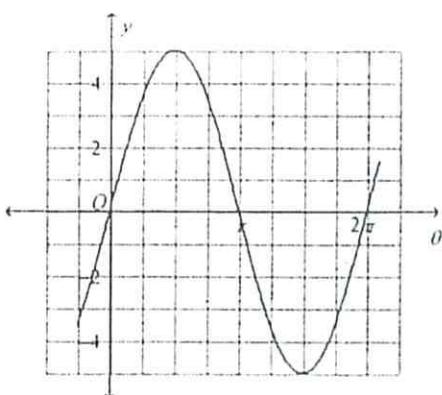
1. Write a sine equation for the graphs shown below.



2.



3.



4. A particular sound wave can be graphed using the function $y = 5 \sin 4x$. Find the amplitude and period of the function.

5. Sketch one cycle of $y = 2 \sin 3\theta$.

Graph the cosine function.

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