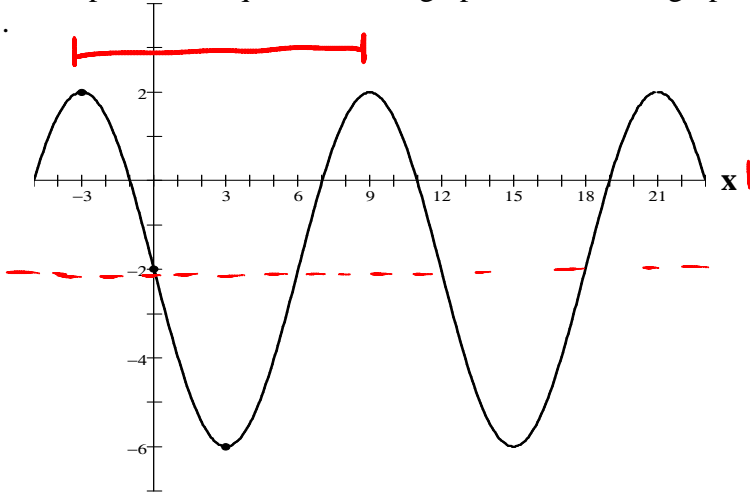


6.5 – Equations from Graphs!

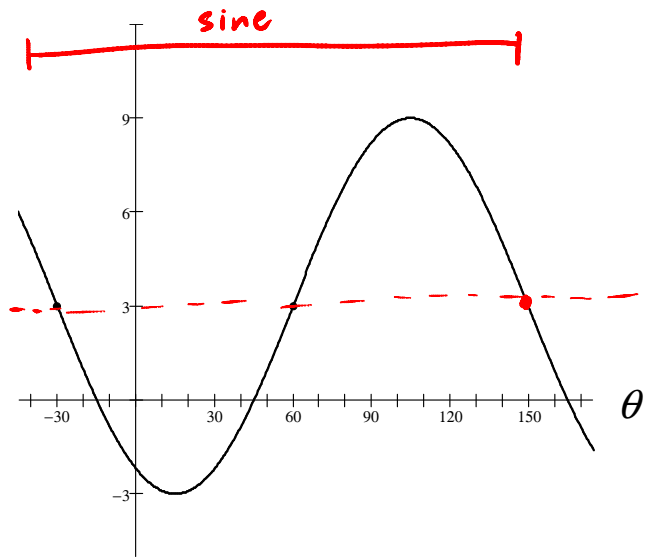
Write a particular equation of the graph based on the graph.

1.



$$1. \quad y = 4 \cos \frac{\pi}{6} (x+3) - 2$$

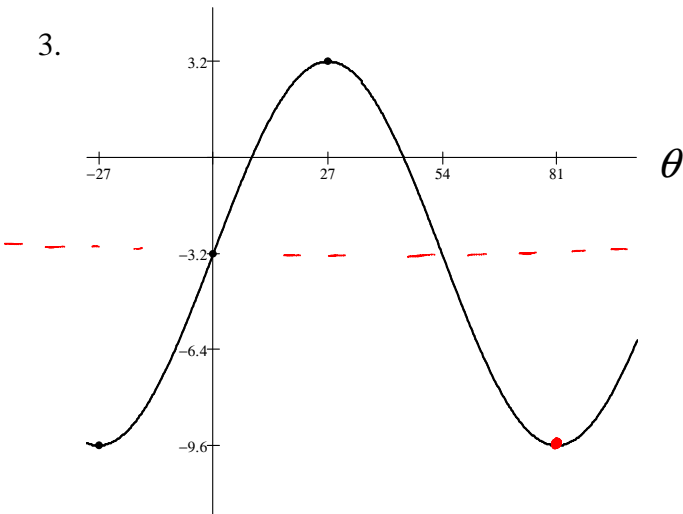
2.



$$2. \quad y = -6 \sin \frac{\pi}{90} (x+30) + 3$$

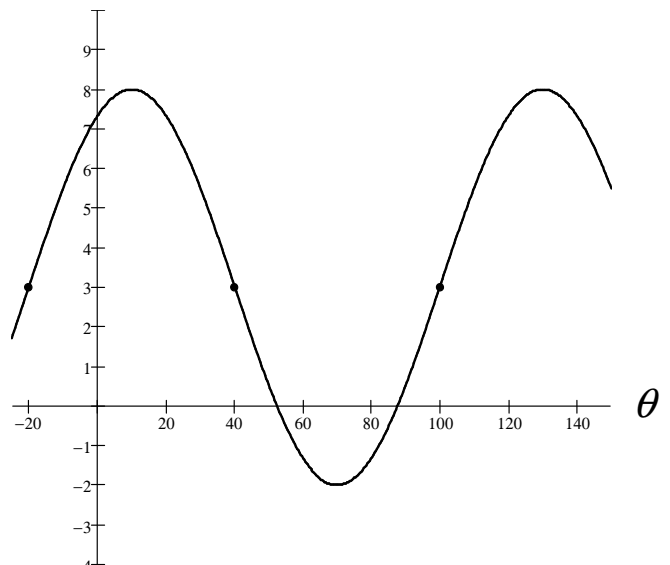
$$3. \quad y = -64 \cos \frac{\pi}{54} (x+27) - 3.2$$

3.

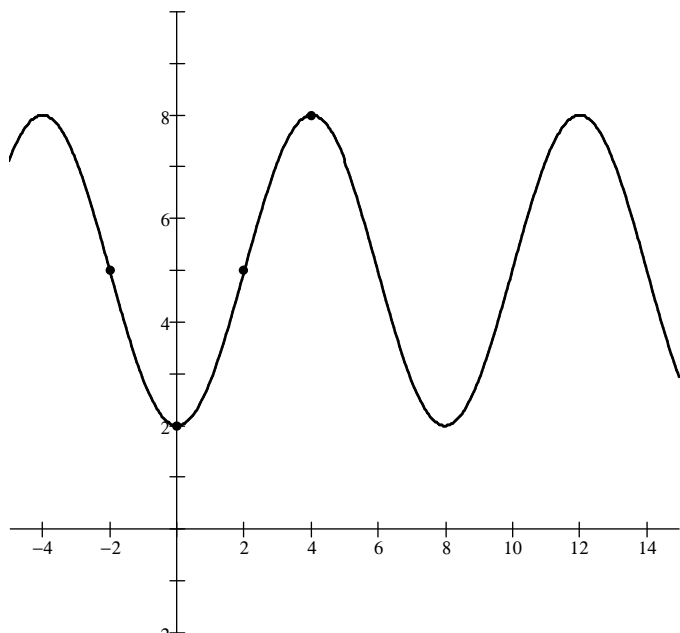


4.

$$4. \quad y = 5 \sin \frac{\pi}{60} (x+20) + 3$$

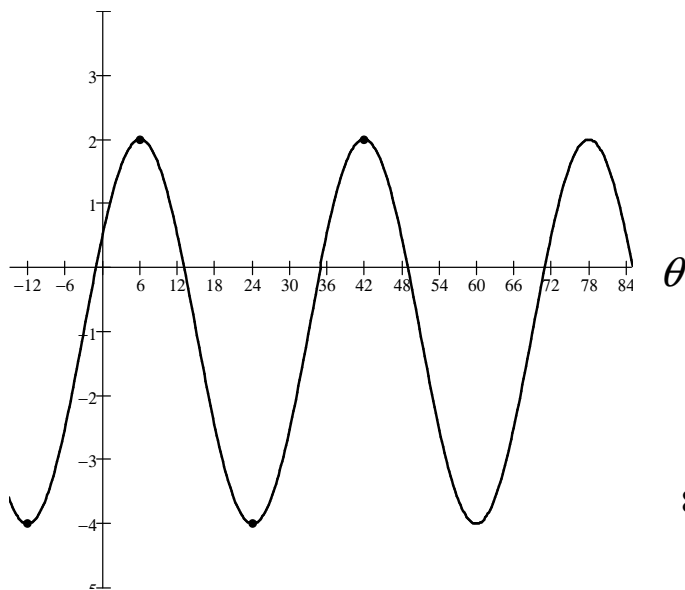


5.



6. $y = 5 \cos \pi(x+1) - 3$

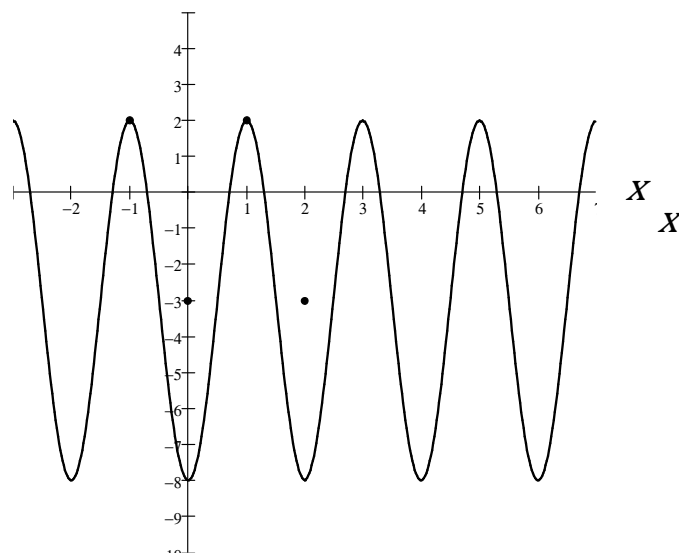
7.



8. $y = 2.5 \cos(x + \pi) - 0.5$

5. $y = -3 \sin \frac{\pi}{5}(x+2) + 5$

6.



7. $y = 3 \cos \frac{\pi}{18}(x-6) - 1$

8.

