

Here are several graphs (similar to those done in class) to practice.

Be sure to find all four information bits as demonstrated in class, then sketch the graph.

1. $f(x) = -\sin(x) - 2$ 2. $f(x) = \sin\left(x - \frac{3\pi}{2}\right)$ 3. $f(x) = \cos\left(x + \frac{\pi}{2}\right) + 1$

4. $f(x) = \cos(x) - \frac{1}{2}$ 5. $f(x) = \sin\left(x - \frac{\pi}{2}\right) + 3$ 6. $f(x) = 2\sin(x) - 1$

7. $f(x) = -\frac{3}{4}\cos(x) + 2$ 8. $f(x) = \cos(2x) - 1$ 9. $f(x) = -\sin(4x) + 1$

10. $f(x) = -\cos(2x - \pi) - 3$

11. $f(x) = 3\sin\left(4x - \frac{\pi}{2}\right)$