

HW 2.02 Answers: Amplitude and Axis of Oscillation

1a. $y = 3\sin x$ for example.

1b. Max: 3 Min: -3

2a. $y = 3\sin x + 8$

2b. Max: 11 Min: 5

4a. $y = 10\cos x$

4b. $y = 2\sin x + 5$

4c. $y = -3\cos x + 2$

4d. $y = 2\cos x - 3$

4e. $y = -3\sin x$

4f. $y = \pi\sin x$

4g. $y = 4\sin x + 4$

4h. $y = -1.5\sin x - 1.5$