
1.(1 pt)

Let $y = \sqrt{23} \sin(9\pi x + 3e^{-3})$.

What is the amplitude? _____

What is the period? _____

What is the phase shift? _____

[NOTE: If needed, you can enter π as 'pi' in your answers.]

2.(1 pt)

Let $y = 15 \cos[3(x + \frac{\pi}{6})]$.

What is the amplitude? _____

What is the period? _____

What is the phase shift? _____

[NOTE: If needed, you can enter π as 'pi' in your answers.]

3.(1 pt)

Let $y = 3 \sin(5x - 6)$.

What is the amplitude? _____

What is the period? _____

What is the phase shift? _____

[NOTE: If needed, you can enter π as 'pi' in your answers.]