

Pre-Calculus AB
Chapter 7
Graphing Frequency & Phase Shift
Worksheet #4

Graph each of the following over ONE fundamental period:

1. $y = \sin \frac{\pi}{2}(x+2)$

2. $y = \cos 2\left(x - \frac{3\pi}{2}\right)$

3. $y = \tan \frac{1}{4}x$

4. $y = \tan 4(x - \pi)$

5. $y = \csc 2\left(x + \frac{\pi}{2}\right)$

6. $y = \csc \frac{\pi}{2}(x-2)$

7. $y = \sec 4\left(x + \frac{\pi}{4}\right)$

8. $y = \sec \frac{1}{2}(x - \pi)$

9. $y = \cot \frac{\pi}{2}(x+3)$

10. $y = \cot 2(x - \pi)$

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