

Classwork

Graph each of the following by finding the period, making a table, put 8 tick marks on x-axis...2 left and 6 right of the origin. You will graph half a cycle, a full cycle, then a half cycle.

$$1. y = 4\cot(2x) \quad 2. y = -3\cot\left(\frac{1}{4}x\right) \quad 3. y = \frac{1}{2}\cot(\pi x)$$

$$4. y = 6\cot\left(\frac{\pi}{2}x\right) \quad 5. y = \frac{5}{2}\cot(3x) \quad 6. y = \cot(4\pi x)$$