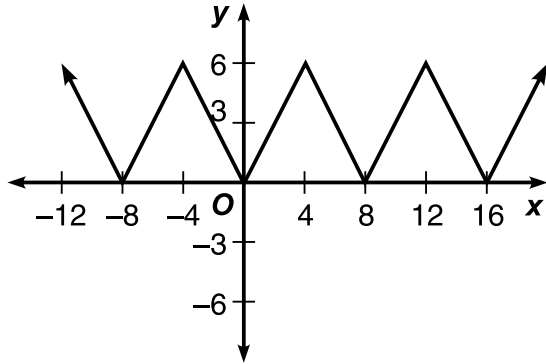Name **Key** Period _____

10.1 HW: Sine and Cosine Graphs

State whether each function is periodic. If it is, state the period and amplitude.
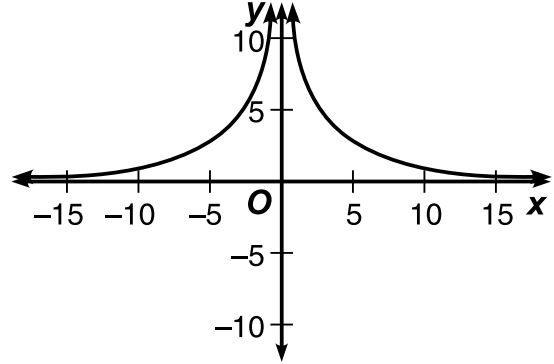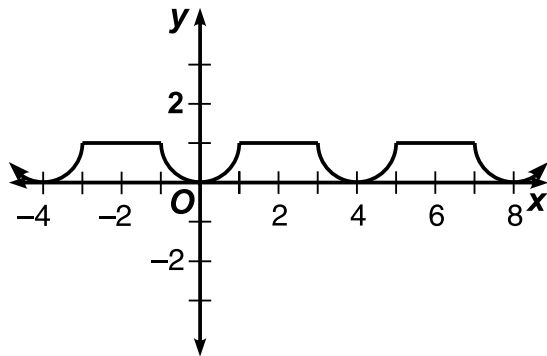
1.

Periodic: ~~Yes~~/No

Period: ___**8**_____

Amplitude: __**3**_____

2.

Periodic: Yes/~~No~~

Period: _____

Amplitude: _____

3.

Periodic: ~~Yes~~/No

Period: __**4**_____

Amplitude: __**0.5**_____

4.
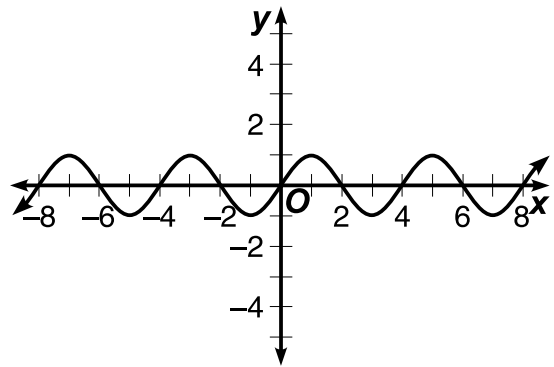
Periodic: ~~Yes~~/No
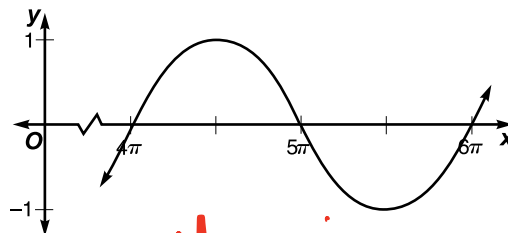
Period: __**4**_____

Amplitude: __**1**_____

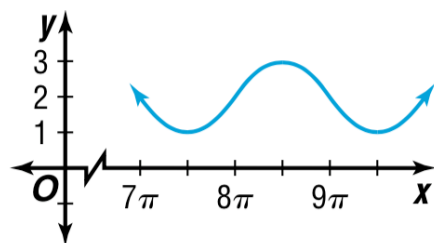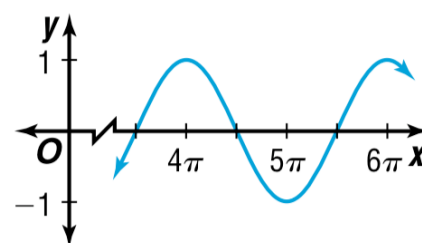**Determine whether each graph is $y = \sin\theta$, $y = \cos\theta$, or neither.**

5.

$y = \cos x$

6.

$y = \sin x$

7.

Neither

8.

$y = \cos x$