Periodic Functions Practice

Determine whether each function *is* or *is not* periodic. If it is, find the period.

4.

5.

6.

7.

8.

9.
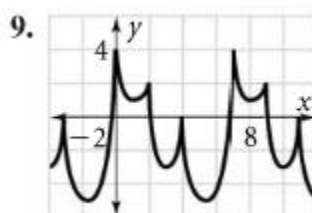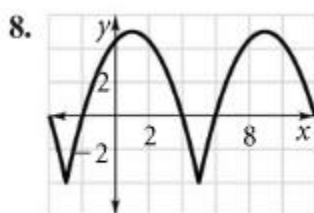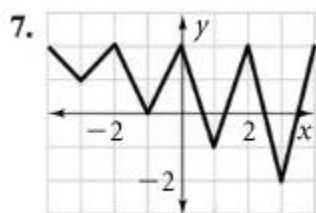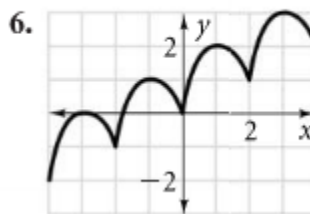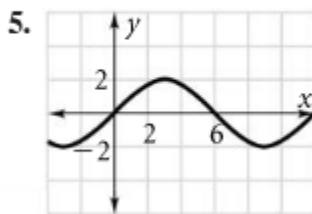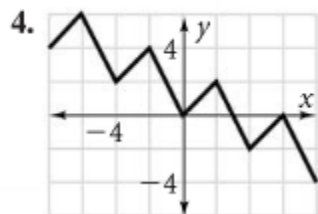
Find the period and amplitude of each function.

10.

11.

12.

13.

Sketch a graph of the following functions.

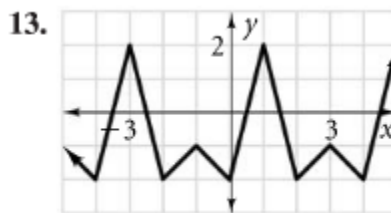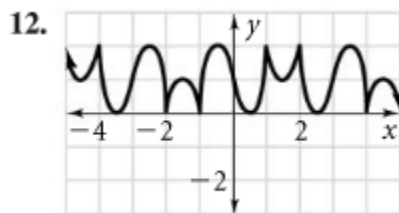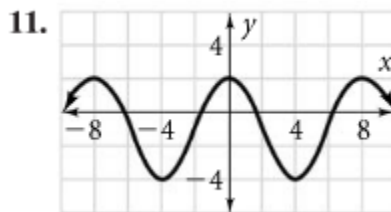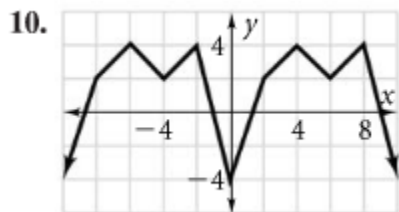|	
1) $y = 2sin\theta$	2) $y = -sin3\theta$
3) $y = -2sin\pi\theta$	4) $y = 4sin\left(\frac{1}{2}\theta\right)$

SLOT Problems: Use the two-way table to find the following probabilities

Concession Stand Sales	Soda	Water	No Drink	Total
Hot Dog	50	62	46	158
Pizza	120	58	4	182
No Food	30	20	10	60
Total	200	140	60	400

a) Randomly selecting pizza and water sales.

b) Randomly selecting a sale of no food and a soda.

c) Randomly selecting a sale of water, given that a hotdog was sold.

d) Randomly selecting a sale of pizza, given that a soda was sold.