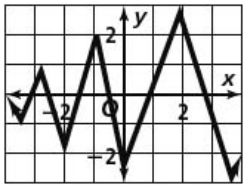
Name _____ Class _____ Date _____

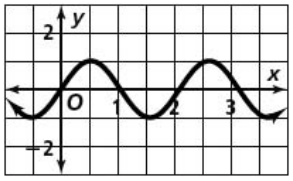
Exploring Periodic Graphs Practice

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

1.



2.



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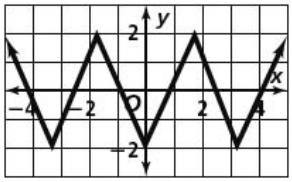
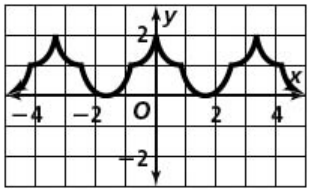


For each function, identify one cycle in two different ways. Then determine the period of the function.

4.



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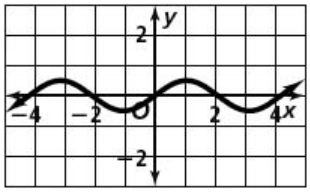

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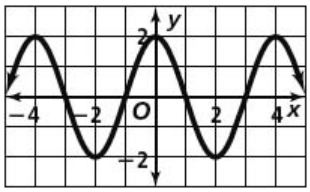
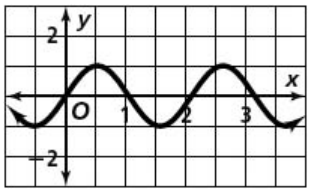


Find the period and amplitude of each periodic function.

7.



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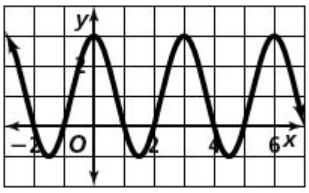

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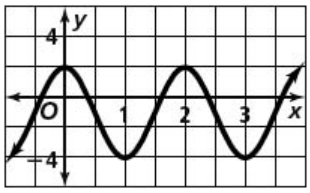

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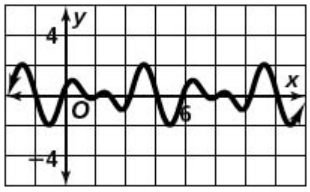

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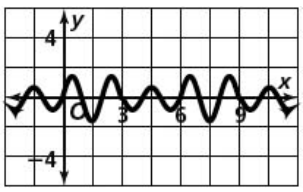

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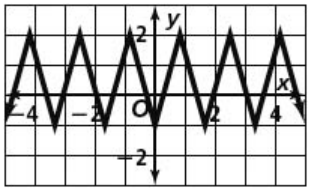
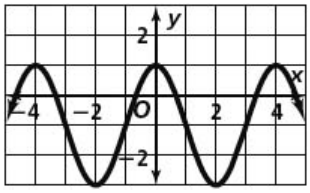
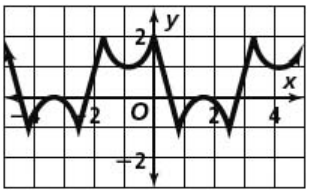
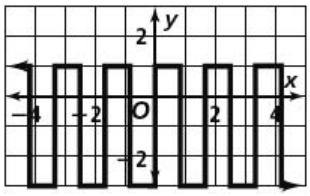
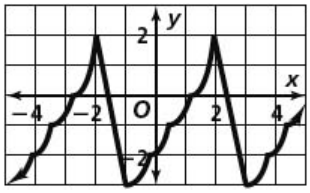
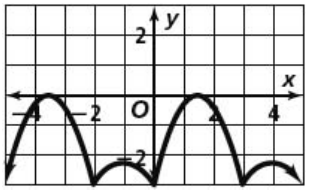


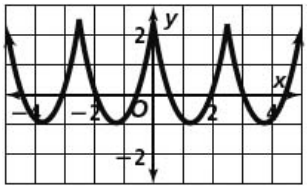
13. 

14. 

15. 

16. 

17. 

18. 

SLOT PRACTICE:

Use the table to determine the following probabilities.

Grades	A	B	C	D	E	Total
Males	12	6	17	14	7	56
Females	8	9	13	8	6	44
Totals	20	15	30	22	13	100

1) What is the probability that a randomly selected student is male?

2) What is the probability of selecting a female given that they got an “A”?

3) What is the probability of selecting a female student given that they got a “B”?

4) What is the probability of selecting a failing student given that they are male?