

<p>WU Stamp</p>	<p>Monday's Warm-up</p>
<p>Part. Score</p>	
<p>WU Stamp</p>	<p>Tuesday's Warm-up</p>
<p>Part. Score</p>	
<p>WU Stamp</p>	<p>Wednesday's Warm-up</p>
<p>Part. Score</p>	

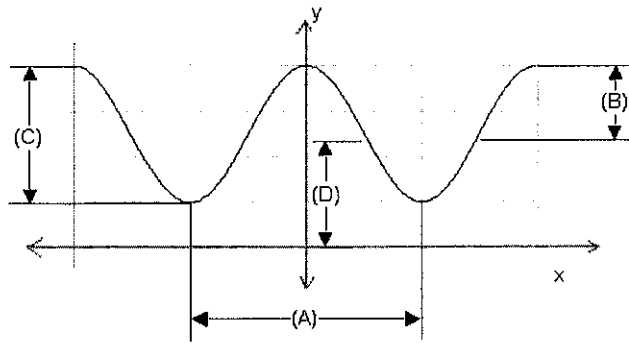
<p>Exit Slip Score</p>	<p>HW Score</p>	<p>Part Score</p>	<p>WU Score</p>	<p>Comments:</p>
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Matching: Match each term on the left to the appropriate label on the graph shown. Explain in your own words what these terms are.

1. amplitude _____

2. period _____

3. vertical shift _____



Use the graph shown below to answer the next several questions.

4. What is the AMPLITUDE of the graph? _____

5. What is the PERIOD of the graph? _____

6. What is the FREQUENCY of the graph? _____

7. What is the VERTICAL SHIFT of the graph? _____

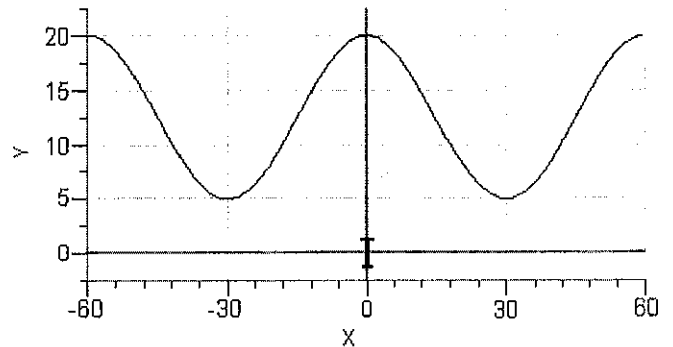
8. Which equation best matches the graph? _____

(A) $y = 7.5 \cos[(\pi/30) x] + 12.5$

(B) $y = 15 \sin[(\pi/60) x] + 5$

(C) $y = 7.5 \sin[(\pi/30) x] + 20$

(D) $y = 15 \cos[(\pi/60) x] + 12.5$



9. Explain how you decided on your answer.

Complete the following table:

function	y-intercept	amplitude	vertical shift	frequency	period	other traits
$f(x) = 3\sin(4x) - 3$						
$f(x) = -2\cos(1/2 x)$						
$f(x) = 0.5\sin(x + 1) + 2$						
$f(x) = 5\sin(2x) - 1$						