**Acc Geo Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Graphing sin/cos practice**  
Sketch the following graphs. Please show 1 full cycle, then answer the questions below each graph.

**y = -3sin()**

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| Amplitude: | | | | | | | Period: | | | | | | | Phase shift: | | | | | | | | | | Vertical shift: | | | | | | | | |

**y = sin() + 4**

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| Amplitude: | | | | | | | Period: | | | | | | | Phase shift: | | | | | | | | | | Vertical shift: | | | | | | | | |

**y = cos(3)**

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| Amplitude: | | | | | | Period: | | | | | | | Phase shift: | | | | | | | | | Vertical shift: | | | | | | | | |

**y = -2cos () + 1**

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| Amplitude: | | | | | | Period: | | | | | | | Phase shift: | | | | | | | | | Vertical shift: | | | | | | | | |

**y = sin()**

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| Amplitude: | | | | | | Period: | | | | | | | Phase shift: | | | | | | | | | Vertical shift: | | | | | | | | |

**y = cos() +1**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Amplitude: | | | | | | | Period: | | | | | | | Phase shift: | | | | | | | | | | Vertical shift: | | | | | | | | |