**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(**$θ$**)**

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

**y = sin(**$θ$**) + 4**

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

**y = cos(3**$θ$**)**

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

**y = -2cos (**$θ$**) + 1**

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

**y = sin(**$θ+π$**)**

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

**y = cos(**$θ-\frac{π}{2}$**) +1**

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