**Homework L8-3**

Continuous Compound

Complete problems #4-10 $(even)$, 12, 13, 14 $(all)$

**Use a table of values to graph each function.**

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| 1. $y=-5^{x}$
 | 1. $y=\left(\frac{1}{2}\right)^{x}$
 | 1. $y=2\left(4\right)^{x}$
 |
| 1. $y=-9\left(3\right)^{x}$
 | 1. $y=3\left(2\right)^{x}$
 | 1. $y=\frac{1}{2}\left(4\right)^{x}$
 |
| 1. $y-4^{x}$
 | 1. $y=-2^{x}$
 | 1. $y=2\left(\frac{3}{2}\right)^{x}$
 |

|  |  |
| --- | --- |
| 1. ***[Sketch on coordinate grid provided.]***
 |  |
| **6.  *[Sketch on coordinate grid provided.]*** |  |

|  |  |
| --- | --- |
| **8.  *[Sketch on coordinate grid provided.]*** |  |

Find the amount in a continuously compounded account for the given conditions.

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