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| **START!** | **Question:**  Simplify |

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| **Answer:** | **Question:**  How long will it take to double a $700 investment at 4.8% interest compounded monthly? |

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| **Answer:**  17576.97 | **Question:**  Solve for x.  Log515625 = 50x + 25 |

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| **Answer:**  3 | **Question:**  Solve for x.  6x2 + 280 = 64 |

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| **Answer:** | **Question:**  If you have a 4.2 mg sample of Uranium, whose half-life is 32 years, how much will be left after 29 years? |

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| **Answer:**  14.5 | **Question:** |

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| **Answer:**  -0.38 | **Question:**  Solve for x.  Log4(2x + 12) = 2 |

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| **Answer:** | **Question:**  Solve for x: |

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| **Answer:**  2.24 | **Question:**  Simplify |

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| **Answer:** | **Question:**  Jake (from State Farm) invested a sum of money at 6.3% interest compounded continuously for 5 years. If Jake (from State Farm) now has $24085 in his account, how much did he initially invest? |

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| **Answer:**  2 | **Question:**  Solve for x.  56x + 18 = 256x |

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| **Answer:**  32 | **END!** |