Unit 2 Warm Up

1. Express the equations in exponential form:

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1. Solve for x

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1. In 1985, there were 285 cell phone subscribers in the small town of Centerville the number of subscribers increased by 75% per year after 1985. How many cell phone subscribers were in Centerville in 1994?
2. Write an exponential function from the table. (HINT: Use your calculator)

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| X | Y |
| 1 | 81 |
| 2 | 27 |
| 3 | 9 |
| 4 | 3 |
| 5 | 1 |

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| Domain:  Range:  Increase or Decrease:  Asymptote:  Y-intercept:  End Behavior:  Translations: |  |

1. Find the Inverse

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