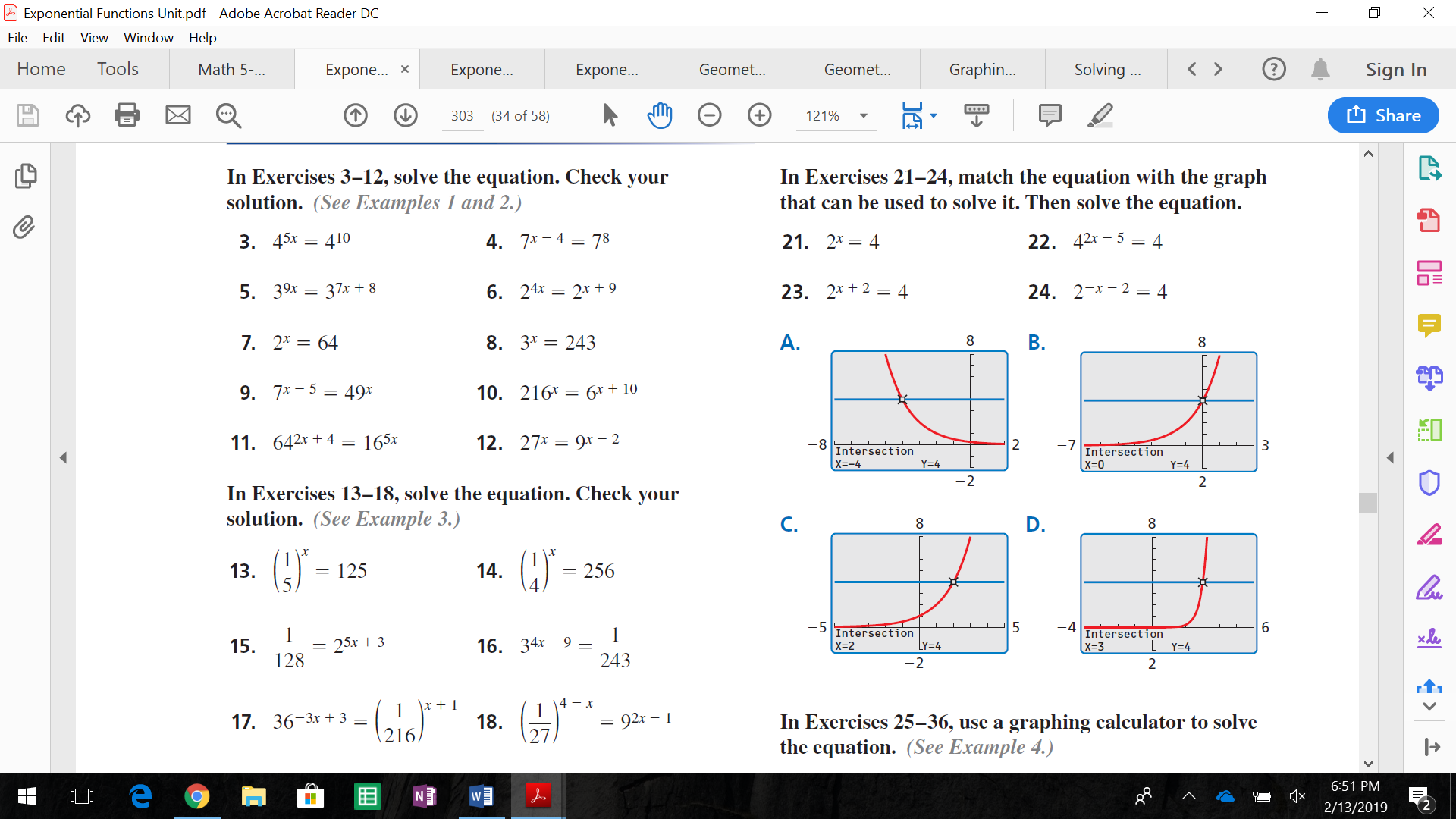
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Solving Exponential Functions**

|  |  |
| --- | --- |
| **With the SAME Base** | **With Different Bases** |
| Two powers with the same base are \_\_\_\_\_\_\_\_\_\_\_ if their \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are equal. | To solve some exponential functions, you must first \_\_\_\_\_\_\_\_\_\_\_\_\_\_ each side of the equation using the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ base. |
| **With a base that is a fraction or decimal (0 < b < 1)** | |
| First, rewrite the base as an exponent. | |

Practice:

