Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_ Number: \_\_\_\_\_\_\_\_\_

# 2.3c Notes – How Much Bigger?

Draw your teacher. Then draw T-Rex.

How many times taller is the T-Rex than your teacher?

Ex #2: If I have a toy truck that’s 2 feet long, and then I have a real truck that’s 12 feet long, how many times longer is the real truck?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Prove how you know below.

Ex #3: Looking at the two numbers below, how many times SMALLER is the smaller number? Prove it below.

 27 918

Ex #4: Looking at the two numbers below, how many times BIGGER is the bigger number? Prove it below.

13 104

|  |  |
| --- | --- |
| Ex #5: Looking at the two numbers below, circle the **bigger** one and find how many times bigger it is.$2.4 ×10^{5}$ and $9.6 ×10^{12}$ | Ex #6: Looking at the two numbers below, circle the **bigger** one and find how many times smaller it is.$0.6 ×10^{-3}$ and $3.2 ×10^{-4}$ |

The area of Alaska (in square miles) is $6.6 × 10^{5}$, the area of Oregon is $9.84 × 10^{4}$, and the area of Delaware is $2.49 × 10^{3}.$

1. How many Delawares could fit into Alaska?
2. How many times bigger is Alaska than Oregon?