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

# 2.3a Notes – Multiplying in Scientific Notation

On average, a man has \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cells.

The population of the world (last time I checked) was \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**If that whole population was men, how many cells would that be?**

EX #1 (one with **both positive** exponents):

EX #2 (one with **both negative** exponents):

EX #3 (one **negative** exponent and one **positive**):

EX #4 (one **negative** exponent and one **positive**):