

NAME:

# HONORS CHEMISTRY

SECTION:

PAIR TUTORING—METRIC PREFIXES

**Directions:**

1. Review the prefixes and conversions for five minutes.
2. Ask someone to quiz you by giving the prefix for each item. You will say the conversion that matches that definition.
3. If your response is correct, put a check in the box next to that term. If your answer is incorrect, put a minus in the box, and the person quizzing you should explain why the answer is incorrect.
4. Repeat steps 1-3 with a new partner. This time, have your partner give you the conversion, and you give the prefix. Repeat this process until three checks in a row are completed for each item.
5. Have each partner sign his or her name, with a compliment.

Prefix	Responses				Conversion
Tera					$10^{12}$ or 1 000 000 000 000
Giga					$10^9$ or 1 000 000 000
Mega					$10^6$ or 1 000 000
Kilo					$10^3$ or 1000
Deci					$10^{-1}$ or 1/10
Centi					$10^{-2}$ or 1/100
Milli					$10^{-3}$ or 1/1000
Micro					$10^{-6}$ or 1/1 000 000
Nano					$10^{-9}$ or 1/1 000 000 000
Pico					$10^{-12}$ or 1/1 000 000 000 000

Partner: \_\_\_\_\_ Compliment: \_\_\_\_\_

Partner: \_\_\_\_\_ Compliment: \_\_\_\_\_

Partner: \_\_\_\_\_ Compliment: \_\_\_\_\_