

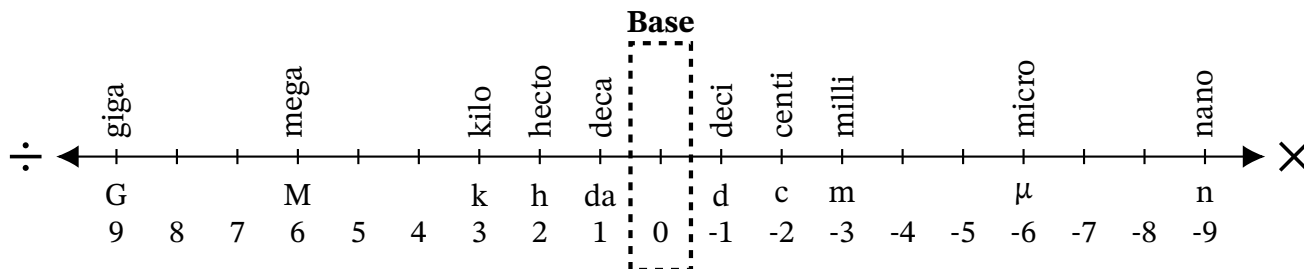
# Converting Between ng, $\mu$ g, mg and g (I)

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

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

Complete each conversion. Symbols for copying and pasting:  $\times \div ^2 ^3$ .



1. Convert 950 800 000  $\mu$ g to mg
2. Convert 0.000000099 g to ng
3. Convert 0.00000016 mg to ng
4. Convert 48.43  $\mu$ g to ng
5. Convert 1 893 000  $\mu$ g to mg
6. Convert 0.0000068 g to  $\mu$ g
7. Convert 56 380 ng to  $\mu$ g
8. Convert 56 950 000 ng to mg
9. Convert 0.00073 g to mg
10. Convert 2 700 000 000 ng to g

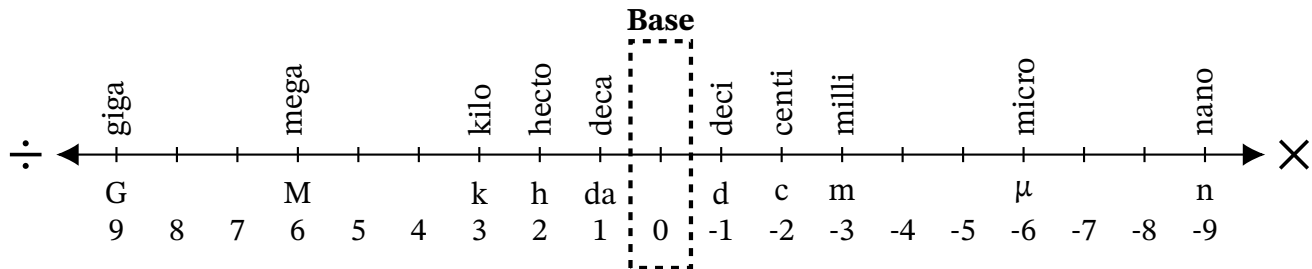
# Converting Between ng, $\mu\text{g}$ , mg and g (I) Answers

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

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

Complete each conversion. Symbols for copying and pasting:  $\times \div ^2 ^3$ .



1. Convert 950 800 000  $\mu\text{g}$  to mg

$$950\,800\,000\ \mu\text{g} \div 10 \div 10 \div 10 = 950\,800\ \text{mg}$$

2. Convert 0.000000099 g to ng

$$0.000000099\ \text{g} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 99\ \text{ng}$$

3. Convert 0.00000016 mg to ng

$$0.00000016\ \text{mg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 0.16\ \text{ng}$$

4. Convert 48.43  $\mu\text{g}$  to ng

$$48.43\ \mu\text{g} \times 10 \times 10 \times 10 = 48\,430\ \text{ng}$$

5. Convert 1 893 000  $\mu\text{g}$  to mg

$$1\,893\,000\ \mu\text{g} \div 10 \div 10 \div 10 = 1893\ \text{mg}$$

6. Convert 0.0000068 g to  $\mu\text{g}$

$$0.0000068\ \text{g} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 6.8\ \mu\text{g}$$

7. Convert 56 380 ng to  $\mu\text{g}$

$$56\,380\ \text{ng} \div 10 \div 10 \div 10 = 56.38\ \mu\text{g}$$

8. Convert 56 950 000 ng to mg

$$56\,950\,000\ \text{ng} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 56.95\ \text{mg}$$

9. Convert 0.00073 g to mg

$$0.00073\ \text{g} \times 10 \times 10 \times 10 = 0.73\ \text{mg}$$

10. Convert 2 700 000 000 ng to g

$$2\,700\,000\,000\ \text{ng} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 2.7\ \text{g}$$