

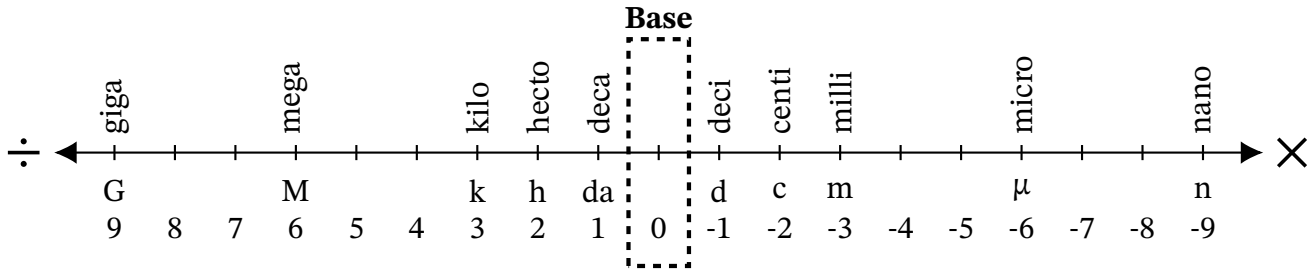
# Converting Between kg, g and mg (D)

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

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

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

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



1. Convert 0.00000955 kg to mg
2. Convert 0.12 kg to g
3. Convert 24 500 mg to g
4. Convert 2 790 000 g to kg
5. Convert 0.07023 kg to mg
6. Convert 0.00846 kg to g
7. Convert 260 000 mg to g
8. Convert 70.34 g to mg
9. Convert 3 962 000 000 mg to kg
10. Convert 2 808 000 mg to g

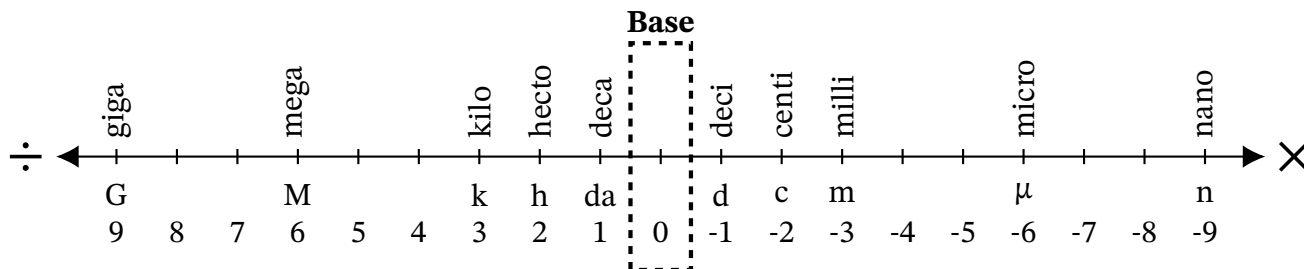
## Converting Between kg, g and mg (D) Answers

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

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

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

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



1. Convert 0.00000955 kg to mg

$$0.00000955 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 9.55 \text{ mg}$$

2. Convert 0.12 kg to g

$$0.12 \text{ kg} \times 10 \times 10 \times 10 = 120 \text{ g}$$

3. Convert 24 500 mg to g

$$24\,500 \text{ mg} \div 10 \div 10 \div 10 = 24.5 \text{ g}$$

4. Convert 2 790 000 g to kg

$$2\,790\,000 \text{ g} \div 10 \div 10 \div 10 = 2790 \text{ kg}$$

5. Convert 0.07023 kg to mg

$$0.07023 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 70\,230 \text{ mg}$$

6. Convert 0.00846 kg to g

$$0.00846 \text{ kg} \times 10 \times 10 \times 10 = 8.46 \text{ g}$$

7. Convert 260 000 mg to g

$$260\,000 \text{ mg} \div 10 \div 10 \div 10 = 260 \text{ g}$$

8. Convert 70.34 g to mg

$$70.34 \text{ g} \times 10 \times 10 \times 10 = 70\,340 \text{ mg}$$

9. Convert 3 962 000 000 mg to kg

$$3\,962\,000\,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 3962 \text{ kg}$$

10. Convert 2 808 000 mg to g

$$2\,808\,000 \text{ mg} \div 10 \div 10 \div 10 = 2808 \text{ g}$$