

# Converting Between kg, g and mg (B)

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

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

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

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



1. Convert 439 000 mg to g
2. Convert 0.00000308 kg to mg
3. Convert 659 000 g to kg
4. Convert 864.6 g to mg
5. Convert 0.000131 kg to mg
6. Convert 235 000 mg to g
7. Convert 0.04736 kg to mg
8. Convert 0.08101 g to mg
9. Convert 6 030 000 g to kg
10. Convert 1 700 000 g to kg

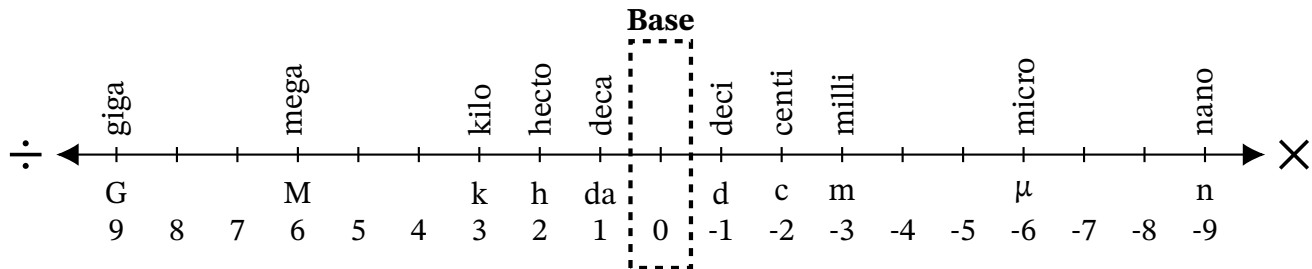
## Converting Between kg, g and mg (B) Answers

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



1. Convert 439 000 mg to g

$$439\ 000\ \text{mg} \div 10 \div 10 \div 10 = 439\ \text{g}$$

2. Convert 0.00000308 kg to mg

$$0.00000308\ \text{kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 3.08\ \text{mg}$$

3. Convert 659 000 g to kg

$$659\ 000\ \text{g} \div 10 \div 10 \div 10 = 659\ \text{kg}$$

4. Convert 864.6 g to mg

$$864.6\ \text{g} \times 10 \times 10 \times 10 = 864\ 600\ \text{mg}$$

5. Convert 0.000131 kg to mg

$$0.000131\ \text{kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 131\ \text{mg}$$

6. Convert 235 000 mg to g

$$235\ 000\ \text{mg} \div 10 \div 10 \div 10 = 235\ \text{g}$$

7. Convert 0.04736 kg to mg

$$0.04736\ \text{kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 47\ 360\ \text{mg}$$

8. Convert 0.08101 g to mg

$$0.08101\ \text{g} \times 10 \times 10 \times 10 = 81.01\ \text{mg}$$

9. Convert 6 030 000 g to kg

$$6\ 030\ 000\ \text{g} \div 10 \div 10 \div 10 = 6030\ \text{kg}$$

10. Convert 1 700 000 g to kg

$$1\ 700\ 000\ \text{g} \div 10 \div 10 \div 10 = 1700\ \text{kg}$$