

# Converting Between mg, g and kg (D)

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

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

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

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



1. Convert 4,897,000 mg to g
2. Convert 48,750 mg to g
3. Convert 4100 g to kg
4. Convert 0.00032 g to mg
5. Convert 0.0365 kg to mg
6. Convert 0.000066 kg to mg
7. Convert 0.7978 g to mg
8. Convert 0.00903 kg to mg
9. Convert 947,200,000 g to kg
10. Convert 76,500 g to kg

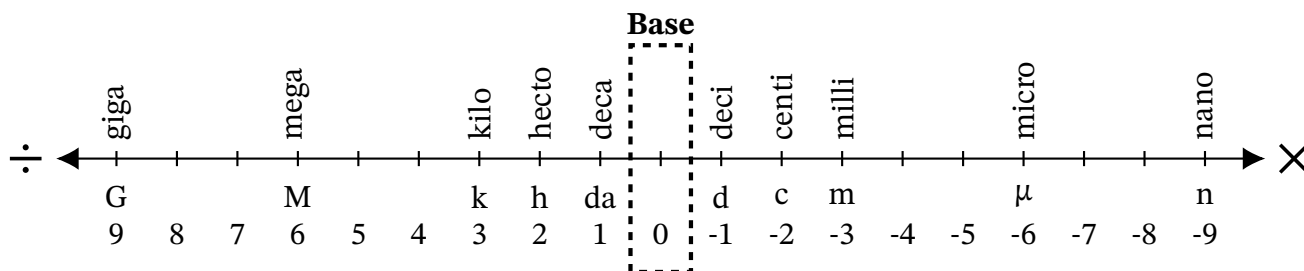
## Converting Between mg, g and kg (D) Answers

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

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

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

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



1. Convert 4,897,000 mg to g  
 $4,897,000 \text{ mg} \div 10 \div 10 \div 10 = 4897 \text{ g}$
2. Convert 48,750 mg to g  
 $48,750 \text{ mg} \div 10 \div 10 \div 10 = 48.75 \text{ g}$
3. Convert 4100 g to kg  
 $4100 \text{ g} \div 10 \div 10 \div 10 = 4.1 \text{ kg}$
4. Convert 0.00032 g to mg  
 $0.00032 \text{ g} \times 10 \times 10 \times 10 = 0.32 \text{ mg}$
5. Convert 0.0365 kg to mg  
 $0.0365 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 36,500 \text{ mg}$
6. Convert 0.000066 kg to mg  
 $0.000066 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 66 \text{ mg}$
7. Convert 0.7978 g to mg  
 $0.7978 \text{ g} \times 10 \times 10 \times 10 = 797.8 \text{ mg}$
8. Convert 0.00903 kg to mg  
 $0.00903 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 9030 \text{ mg}$
9. Convert 947,200,000 g to kg  
 $947,200,000 \text{ g} \div 10 \div 10 \div 10 = 947,200 \text{ kg}$
10. Convert 76,500 g to kg  
 $76,500 \text{ g} \div 10 \div 10 \div 10 = 76.5 \text{ kg}$