

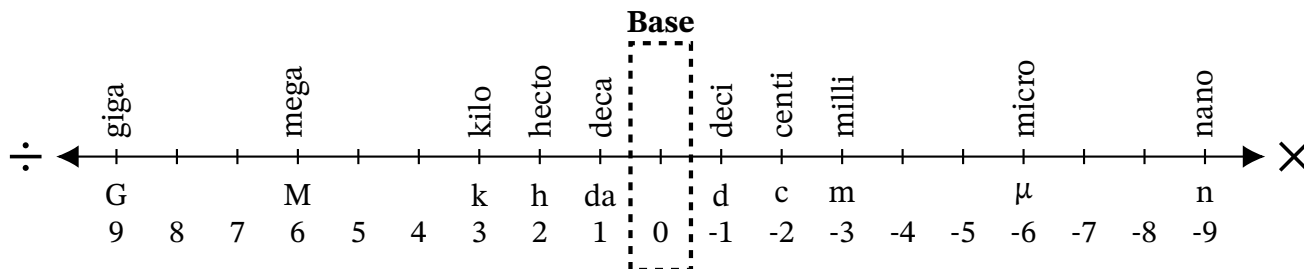
Converting Between ng, μg , mg and g (I)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 6,090,000 ng to μg
2. Convert 0.00000672 g to ng
3. Convert 4,589,000,000 ng to mg
4. Convert 0.008258 mg to ng
5. Convert 78.2 g to mg
6. Convert 0.982 μg to ng
7. Convert 760,000 μg to mg
8. Convert 208,000 μg to mg
9. Convert 0.00066 g to μg
10. Convert 4,740,000,000,000 ng to g

Converting Between ng, μg , mg and g (I) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 6,090,000 ng to μg

$$6,090,000 \text{ ng} \div 10 \div 10 \div 10 = 6090 \mu\text{g}$$

2. Convert 0.00000672 g to ng

$$0.00000672 \text{ g} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 6720 \text{ ng}$$

3. Convert 4,589,000,000 ng to mg

$$4,589,000,000 \text{ ng} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 4589 \text{ mg}$$

4. Convert 0.008258 mg to ng

$$0.008258 \text{ mg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 8258 \text{ ng}$$

5. Convert 78.2 g to mg

$$78.2 \text{ g} \times 10 \times 10 \times 10 = 78,200 \text{ mg}$$

6. Convert 0.982 μg to ng

$$0.982 \mu\text{g} \times 10 \times 10 \times 10 = 982 \text{ ng}$$

7. Convert 760,000 μg to mg

$$760,000 \mu\text{g} \div 10 \div 10 \div 10 = 760 \text{ mg}$$

8. Convert 208,000 μg to mg

$$208,000 \mu\text{g} \div 10 \div 10 \div 10 = 208 \text{ mg}$$

9. Convert 0.00066 g to μg

$$0.00066 \text{ g} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 660 \mu\text{g}$$

10. Convert 4,740,000,000,000 ng to g

$$4,740,000,000,000 \text{ ng} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 4740 \text{ g}$$