

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

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 20.920.000 μg to mg
2. Convert 1,4 μg to ng
3. Convert 900.100.000 ng to mg
4. Convert 76.100.000 μg to g
5. Convert 47.400.000 mg to g
6. Convert 0,000000691 g to ng
7. Convert 558.000.000.000 ng to g
8. Convert 0,00169 μg to ng
9. Convert 0,00028 mg to μg
10. Convert 0,0005641 mg to ng

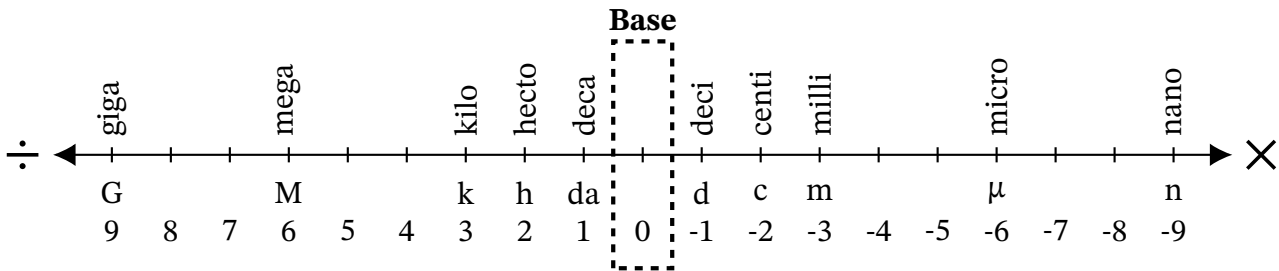
Converting Between ng, µg, mg and g (G) Answers

Name: _____

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



1. Convert 20.920.000 µg to mg

$$20.920.000 \mu\text{g} \div 10 \div 10 \div 10 = 20.920 \text{ mg}$$

2. Convert 1,4 µg to ng

$$1,4 \mu\text{g} \times 10 \times 10 \times 10 = 1400 \text{ ng}$$

3. Convert 900.100.000 ng to mg

$$900.100.000 \text{ ng} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 900,1 \text{ mg}$$

4. Convert 76.100.000 µg to g

$$76.100.000 \mu\text{g} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 76,1 \text{ g}$$

5. Convert 47.400.000 mg to g

$$47.400.000 \text{ mg} \div 10 \div 10 \div 10 = 47.400 \text{ g}$$

6. Convert 0,000000691 g to ng

$$0,000000691 \text{ g} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 691 \text{ ng}$$

7. Convert 558.000.000.000 ng to g

$$558.000.000.000 \text{ ng} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 558 \text{ g}$$

8. Convert 0,00169 µg to ng

$$0,00169 \mu\text{g} \times 10 \times 10 \times 10 = 1,69 \text{ ng}$$

9. Convert 0,00028 mg to µg

$$0,00028 \text{ mg} \times 10 \times 10 \times 10 = 0,28 \mu\text{g}$$

10. Convert 0,0005641 mg to ng

$$0,0005641 \text{ mg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 564,1 \text{ ng}$$