

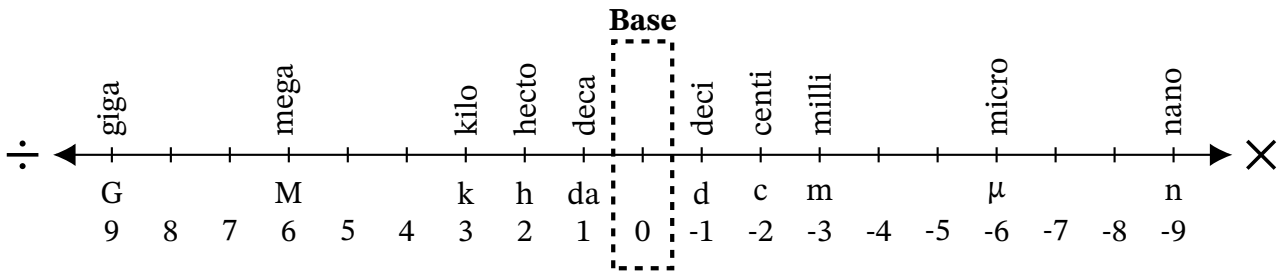
Converting Between ng, μg , mg and g (I)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 590.000 μg to g
2. Convert 1,013 mg to μg
3. Convert 37.000.000 ng to mg
4. Convert 0,00521 mg to μg
5. Convert 960.000.000 ng to g
6. Convert 82.400.000.000 ng to g
7. Convert 0,0048 μg to ng
8. Convert 6.670.000 ng to μg
9. Convert 0,8788 mg to ng
10. Convert 0,0046 g to mg

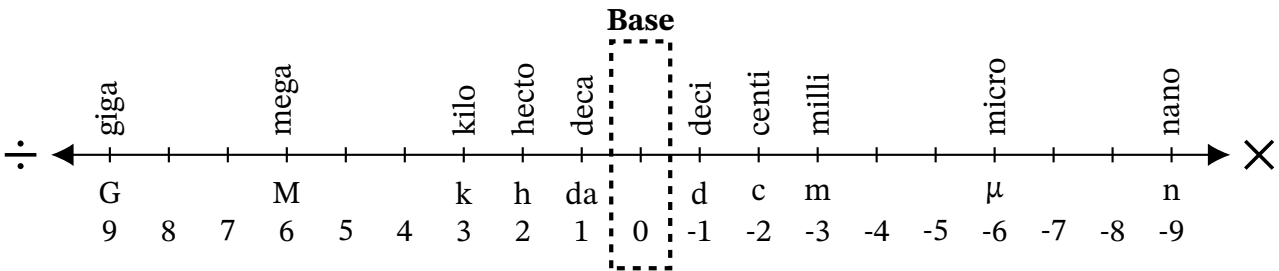
Converting Between ng, µg, mg and g (I) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 590.000 µg to g

$$590.000 \mu\text{g} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 0,59 \text{ g}$$

2. Convert 1,013 mg to µg

$$1,013 \text{ mg} \times 10 \times 10 \times 10 = 1013 \mu\text{g}$$

3. Convert 37.000.000 ng to mg

$$37.000.000 \text{ ng} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 37 \text{ mg}$$

4. Convert 0,00521 mg to µg

$$0,00521 \text{ mg} \times 10 \times 10 \times 10 = 5,21 \mu\text{g}$$

5. Convert 960.000.000 ng to g

$$960.000.000 \text{ ng} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 0,96 \text{ g}$$

6. Convert 82.400.000.000 ng to g

$$82.400.000.000 \text{ ng} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 82,4 \text{ g}$$

7. Convert 0,0048 µg to ng

$$0,0048 \mu\text{g} \times 10 \times 10 \times 10 = 4,8 \text{ ng}$$

8. Convert 6.670.000 ng to µg

$$6.670.000 \text{ ng} \div 10 \div 10 \div 10 = 6670 \mu\text{g}$$

9. Convert 0,8788 mg to ng

$$0,8788 \text{ mg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 878.800 \text{ ng}$$

10. Convert 0,0046 g to mg

$$0,0046 \text{ g} \times 10 \times 10 \times 10 = 4,6 \text{ mg}$$