

## Converting Between ng, $\mu\text{g}$ , mg and g (E)

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

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

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

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



1. Convert 68,81 mg to  $\mu\text{g}$
2. Convert 5.880.000 ng to mg
3. Convert 0,00009887 g to ng
4. Convert 3,8 mg to  $\mu\text{g}$
5. Convert 96.000 ng to  $\mu\text{g}$
6. Convert 17.740.000.000 ng to mg
7. Convert 929.000 mg to g
8. Convert 0,08172  $\mu\text{g}$  to ng
9. Convert 0,00007822 g to  $\mu\text{g}$
10. Convert 920.000.000.000 ng to g

## Converting Between ng, $\mu\text{g}$ , mg and g (E) Answers

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



1. Convert 68,81 mg to  $\mu\text{g}$

$$68,81 \text{ mg} \times 10 \times 10 \times 10 = 68.810 \mu\text{g}$$

2. Convert 5.880.000 ng to mg

$$5.880.000 \text{ ng} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 5,88 \text{ mg}$$

3. Convert 0,00009887 g to ng

$$0,00009887 \text{ g} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 98.870 \text{ ng}$$

4. Convert 3,8 mg to  $\mu\text{g}$

$$3,8 \text{ mg} \times 10 \times 10 \times 10 = 3800 \mu\text{g}$$

5. Convert 96.000 ng to  $\mu\text{g}$

$$96.000 \text{ ng} \div 10 \div 10 \div 10 = 96 \mu\text{g}$$

6. Convert 17.740.000.000 ng to mg

$$17.740.000.000 \text{ ng} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 17.740 \text{ mg}$$

7. Convert 929.000 mg to g

$$929.000 \text{ mg} \div 10 \div 10 \div 10 = 929 \text{ g}$$

8. Convert 0,08172  $\mu\text{g}$  to ng

$$0,08172 \mu\text{g} \times 10 \times 10 \times 10 = 81,72 \text{ ng}$$

9. Convert 0,00007822 g to  $\mu\text{g}$

$$0,00007822 \text{ g} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 78,22 \mu\text{g}$$

10. Convert 920.000.000.000 ng to g

$$920.000.000.000 \text{ ng} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 920 \text{ g}$$