

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

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

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

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

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



1. Convert 71.200.000 ng to  $\mu\text{g}$
2. Convert 55.600.000 ng to mg
3. Convert 0,07241 g to  $\mu\text{g}$
4. Convert 0,00882 mg to  $\mu\text{g}$
5. Convert 7.270.000  $\mu\text{g}$  to mg
6. Convert 0,0000009174 g to ng
7. Convert 12.440.000.000 ng to g
8. Convert 0,7572 g to mg
9. Convert 0,0299 mg to ng
10. Convert 701.700.000 ng to  $\mu\text{g}$

# Converting Between ng, μg, mg and g (J) Answers

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

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Complete each conversion. Symbols for copying and pasting: × ÷ 2 3.



1. Convert 71.200.000 ng to μg

$$71.200.000 \text{ ng} \div 10 \div 10 \div 10 = 71.200 \text{ } \mu\text{g}$$

2. Convert 55.600.000 ng to mg

$$55.600.000 \text{ ng} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 55,6 \text{ mg}$$

3. Convert 0,07241 g to μg

$$0,07241 \text{ g} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 72.410 \text{ } \mu\text{g}$$

4. Convert 0,00882 mg to μg

$$0,00882 \text{ mg} \times 10 \times 10 \times 10 = 8,82 \text{ } \mu\text{g}$$

5. Convert 7.270.000 μg to mg

$$7.270.000 \text{ } \mu\text{g} \div 10 \div 10 \div 10 = 7270 \text{ mg}$$

6. Convert 0,0000009174 g to ng

$$0,0000009174 \text{ g} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 917,4 \text{ ng}$$

7. Convert 12.440.000.000 ng to g

$$12.440.000.000 \text{ ng} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 12,44 \text{ g}$$

8. Convert 0,7572 g to mg

$$0,7572 \text{ g} \times 10 \times 10 \times 10 = 757,2 \text{ mg}$$

9. Convert 0,0299 mg to ng

$$0,0299 \text{ mg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 29.900 \text{ ng}$$

10. Convert 701.700.000 ng to μg

$$701.700.000 \text{ ng} \div 10 \div 10 \div 10 = 701.700 \text{ } \mu\text{g}$$