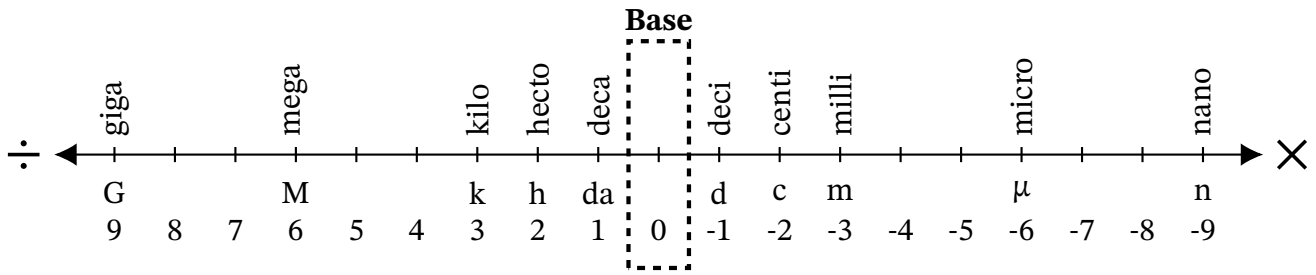
Converting Between ng, µg, mg and g (A)

Name: _____ Date: _____ Score: ____ /10

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



1. Convert 0.0697 mg to µg

2. Convert 88.35 g to mg

3. Convert 34,680 ng to µg

4. Convert 0.00000308 g to ng

5. Convert 0.00905 mg to ng

6. Convert 370 µg to mg

7. Convert 553,600,000 µg to g

8. Convert 18,500 ng to µg

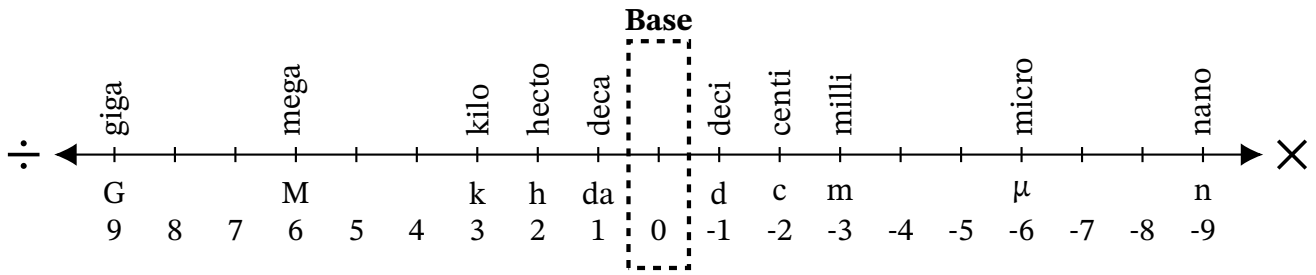
9. Convert 92,800,000 ng to mg

10. Convert 0.00000007923 g to ng

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

Name: _____ Date: _____ Score: ____ /10

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



1. Convert 0.0697 mg to µg

   0.0697 mg × 10 × 10 × 10 = 69.7 µg

2. Convert 88.35 g to mg

   88.35 g × 10 × 10 × 10 = 88,350 mg

3. Convert 34,680 ng to µg

   34,680 ng ÷ 10 ÷ 10 ÷ 10 = 34.68 µg

4. Convert 0.00000308 g to ng

   0.00000308 g × 10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 = 3080 ng

5. Convert 0.00905 mg to ng

   0.00905 mg × 10 × 10 × 10 × 10 × 10 × 10 = 9050 ng

6. Convert 370 µg to mg

   370 µg ÷ 10 ÷ 10 ÷ 10 = 0.37 mg

7. Convert 553,600,000 µg to g

   553,600,000 µg ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 553.6 g

8. Convert 18,500 ng to µg

   18,500 ng ÷ 10 ÷ 10 ÷ 10 = 18.5 µg

9. Convert 92,800,000 ng to mg

   92,800,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 92.8 mg

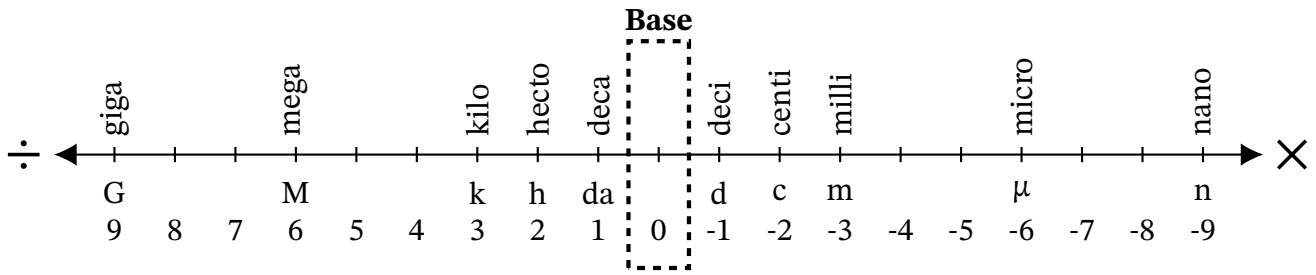
10. Convert 0.00000007923 g to ng

    0.00000007923 g × 10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 = 79.23 ng

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

Name: _____ Date: _____ Score: ____ /10

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



1. Convert 1,300,000,000,000 ng to g

2. Convert 7,384,000,000,000 ng to g

3. Convert 0.00032 mg to μg

4. Convert 110,000,000 ng to mg

5. Convert 0.00034 mg to μg

6. Convert 890,000 μg to g

7. Convert 82,850 mg to g

8. Convert 4.1 μg to ng

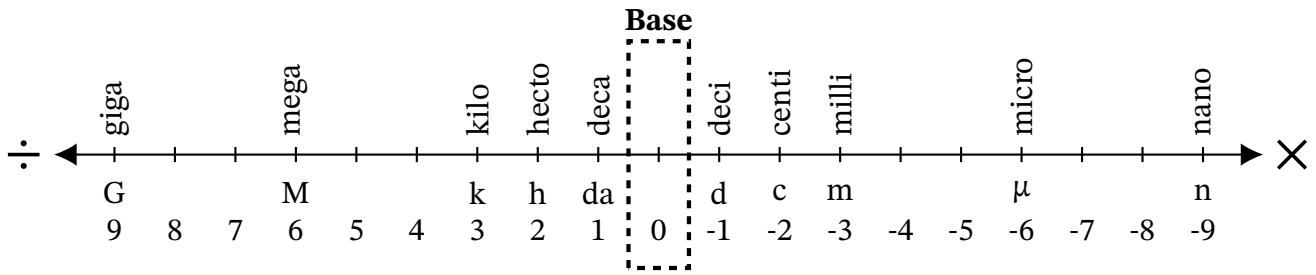
9. Convert 0.0654 μg to ng

10. Convert 0.0000071 mg to ng

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

Name: _____ Date: _____ Score: ____ /10

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



1. Convert 1,300,000,000,000 ng to g

   1,300,000,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 1300 g

2. Convert 7,384,000,000,000 ng to g

   7,384,000,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 7384 g

3. Convert 0.00032 mg to µg

   0.00032 mg × 10 × 10 × 10 = 0.32 µg

4. Convert 110,000,000 ng to mg

   110,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 110 mg

5. Convert 0.00034 mg to µg

   0.00034 mg × 10 × 10 × 10 = 0.34 µg

6. Convert 890,000 µg to g

   890,000 µg ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 0.89 g

7. Convert 82,850 mg to g

   82,850 mg ÷ 10 ÷ 10 ÷ 10 = 82.85 g

8. Convert 4.1 µg to ng

   4.1 µg × 10 × 10 × 10 = 4100 ng

9. Convert 0.0654 µg to ng

   0.0654 µg × 10 × 10 × 10 = 65.4 ng

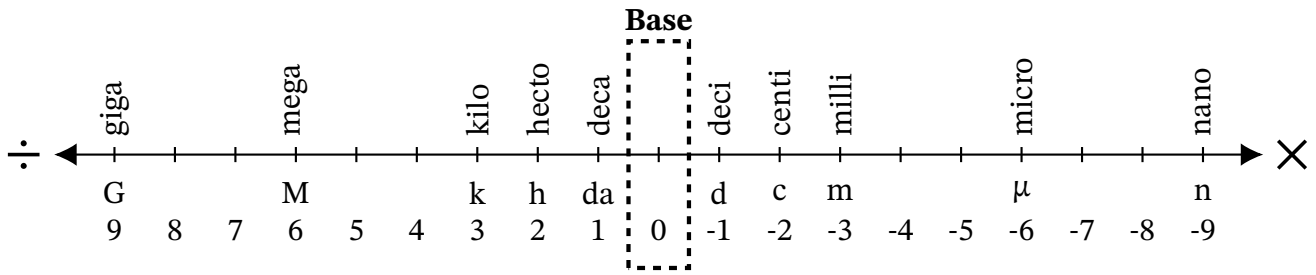
10. Convert 0.0000071 mg to ng

    0.0000071 mg × 10 × 10 × 10 × 10 × 10 × 10 = 7.1 ng

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

Name: _____ Date: _____ Score: ____ /10

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



1. Convert 0.003904 mg to ng

2. Convert 0.000984 mg to ng

3. Convert 311,200 μg to mg

4. Convert 622.2 μg to ng

5. Convert 3.061 μg to ng

6. Convert 43,230,000 mg to g

7. Convert 68,100,000,000 ng to g

8. Convert 9,750,000,000 ng to g

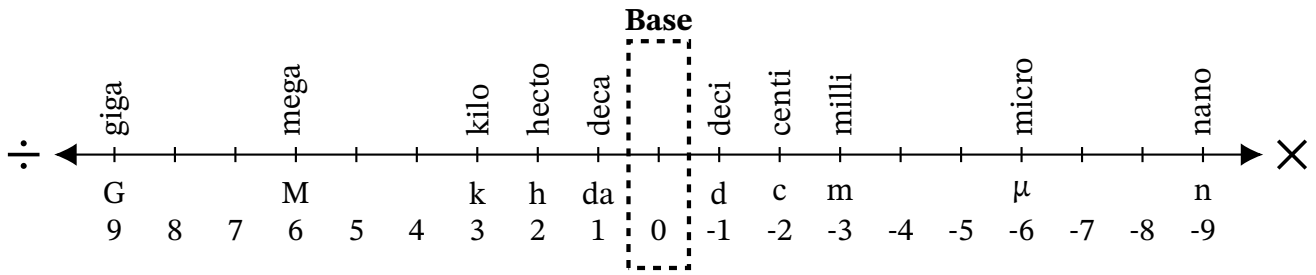
9. Convert 2.85 mg to μg

10. Convert 6,463,000,000 μg to g

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

Name: _____ Date: _____ Score: ____ /10

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



1. Convert 0.003904 mg to ng

   0.003904 mg × 10 × 10 × 10 × 10 × 10 × 10 = 3904 ng

2. Convert 0.000984 mg to ng

   0.000984 mg × 10 × 10 × 10 × 10 × 10 × 10 = 984 ng

3. Convert 311,200 µg to mg

   311,200 µg ÷ 10 ÷ 10 ÷ 10 = 311.2 mg

4. Convert 622.2 µg to ng

   622.2 µg × 10 × 10 × 10 = 622,200 ng

5. Convert 3.061 µg to ng

   3.061 µg × 10 × 10 × 10 = 3061 ng

6. Convert 43,230,000 mg to g

   43,230,000 mg ÷ 10 ÷ 10 ÷ 10 = 43,230 g

7. Convert 68,100,000,000 ng to g

   68,100,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 68.1 g

8. Convert 9,750,000,000 ng to g

   9,750,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 9.75 g

9. Convert 2.85 mg to µg

   2.85 mg × 10 × 10 × 10 = 2850 µg

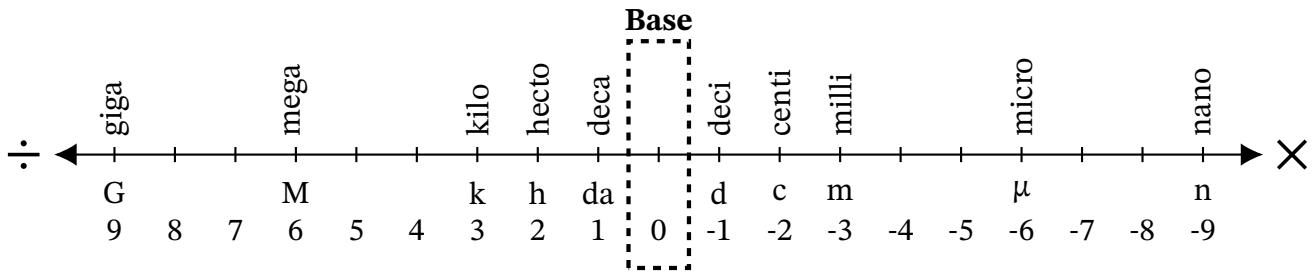
10. Convert 6,463,000,000 µg to g

    6,463,000,000 µg ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 6463 g

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

Name: _____ Date: _____ Score: ____ /10

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



1. Convert 950,000,000 μg to g

2. Convert 0.0000447 g to ng

3. Convert 44,780,000 mg to g

4. Convert 3.99 μg to ng

5. Convert 0.00667 μg to ng

6. Convert 842,000 μg to mg

7. Convert 75,000,000 ng to mg

8. Convert 0.05415 mg to μg

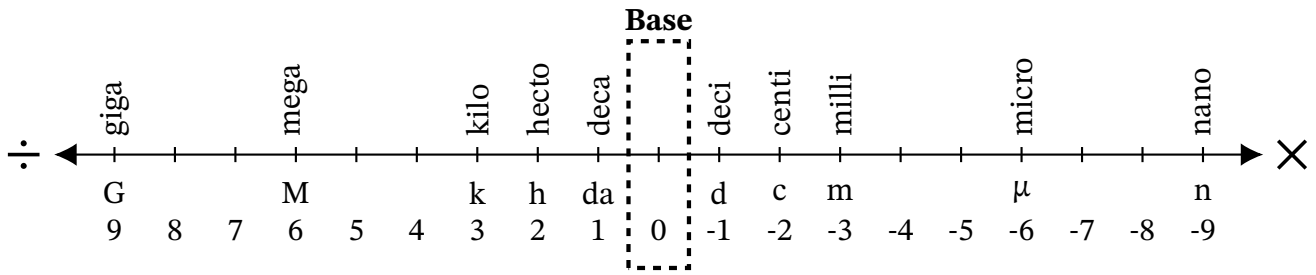
9. Convert 0.0001555 g to ng

10. Convert 64,000,000 ng to mg

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

Name: _____ Date: _____ Score: ____ /10

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



1. Convert 950,000,000 µg to g

   950,000,000 µg ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 950 g

2. Convert 0.0000447 g to ng

   0.0000447 g × 10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 = 44,700 ng

3. Convert 44,780,000 mg to g

   44,780,000 mg ÷ 10 ÷ 10 ÷ 10 = 44,780 g

4. Convert 3.99 µg to ng

   3.99 µg × 10 × 10 × 10 = 3990 ng

5. Convert 0.00667 µg to ng

   0.00667 µg × 10 × 10 × 10 = 6.67 ng

6. Convert 842,000 µg to mg

   842,000 µg ÷ 10 ÷ 10 ÷ 10 = 842 mg

7. Convert 75,000,000 ng to mg

   75,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 75 mg

8. Convert 0.05415 mg to µg

   0.05415 mg × 10 × 10 × 10 = 54.15 µg

9. Convert 0.0001555 g to ng

   0.0001555 g × 10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 = 155,500 ng

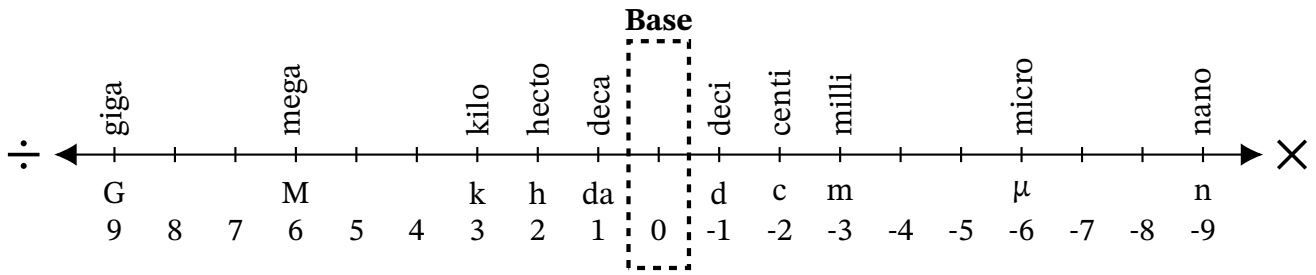
10. Convert 64,000,000 ng to mg

    64,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 64 mg

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

Name: _____ Date: _____ Score: ____ /10

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



1. Convert 19,000 μg to mg

2. Convert 84,910,000,000 μg to g

3. Convert 14.12 mg to μg

4. Convert 150,800,000,000 ng to g

5. Convert 0.00000071 mg to ng

6. Convert 670,000 ng to mg

7. Convert 0.0000493 g to ng

8. Convert 0.00035 μg to ng

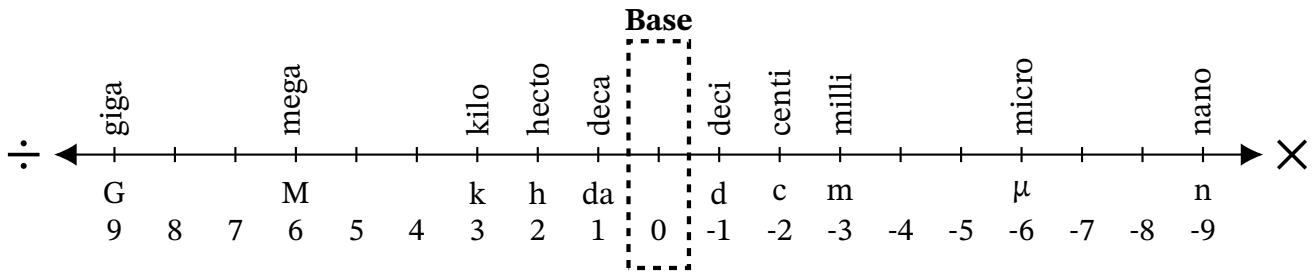
9. Convert 11,090,000 ng to μg

10. Convert 0.207 g to mg

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

Name: _____ Date: _____ Score: ____ /10

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



1. Convert 19,000 µg to mg

   19,000 µg ÷ 10 ÷ 10 ÷ 10 = 19 mg

2. Convert 84,910,000,000 µg to g

   84,910,000,000 µg ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 84,910 g

3. Convert 14.12 mg to µg

   14.12 mg × 10 × 10 × 10 = 14,120 µg

4. Convert 150,800,000,000 ng to g

   150,800,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 150.8 g

5. Convert 0.00000071 mg to ng

   0.00000071 mg × 10 × 10 × 10 × 10 × 10 × 10 = 0.71 ng

6. Convert 670,000 ng to mg

   670,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 0.67 mg

7. Convert 0.0000493 g to ng

   0.0000493 g × 10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 = 49,300 ng

8. Convert 0.00035 µg to ng

   0.00035 µg × 10 × 10 × 10 = 0.35 ng

9. Convert 11,090,000 ng to µg

   11,090,000 ng ÷ 10 ÷ 10 ÷ 10 = 11,090 µg

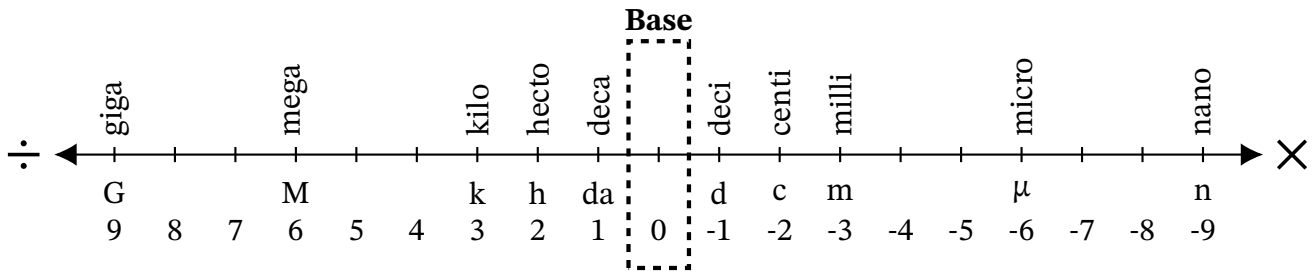
10. Convert 0.207 g to mg

    0.207 g × 10 × 10 × 10 = 207 mg

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

Name: _____ Date: _____ Score: ____ /10

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



1. Convert 54,770 μg to mg

2. Convert 19,150 ng to μg

3. Convert 5.215 g to mg

4. Convert 0.000233 mg to ng

5. Convert 6500 ng to μg

6. Convert 0.0879 mg to μg

7. Convert 0.0009131 g to ng

8. Convert 4,900,000,000 ng to g

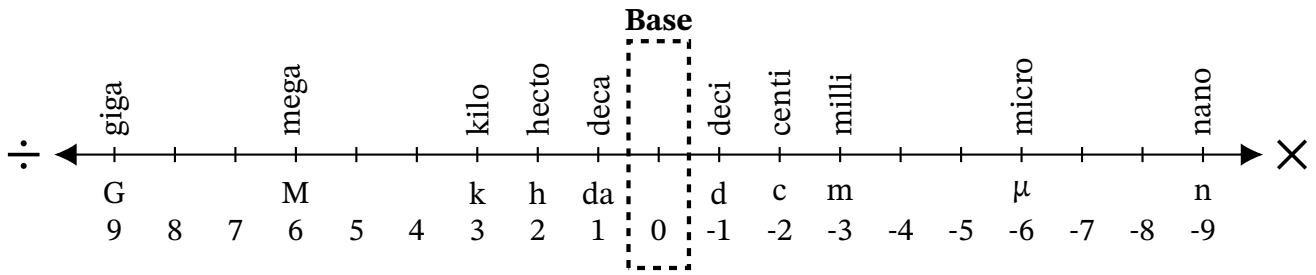
9. Convert 0.0005365 mg to ng

10. Convert 7,816,000,000 μg to g

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

Name: _____ Date: _____ Score: ____ /10

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



1. Convert 54,770 µg to mg

   54,770 µg ÷ 10 ÷ 10 ÷ 10 = 54.77 mg

2. Convert 19,150 ng to µg

   19,150 ng ÷ 10 ÷ 10 ÷ 10 = 19.15 µg

3. Convert 5.215 g to mg

   5.215 g × 10 × 10 × 10 = 5215 mg

4. Convert 0.000233 mg to ng

   0.000233 mg × 10 × 10 × 10 × 10 × 10 × 10 = 233 ng

5. Convert 6500 ng to µg

   6500 ng ÷ 10 ÷ 10 ÷ 10 = 6.5 µg

6. Convert 0.0879 mg to µg

   0.0879 mg × 10 × 10 × 10 = 87.9 µg

7. Convert 0.0009131 g to ng

   0.0009131 g × 10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 = 913,100 ng

8. Convert 4,900,000,000 ng to g

   4,900,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 4.9 g

9. Convert 0.0005365 mg to ng

   0.0005365 mg × 10 × 10 × 10 × 10 × 10 × 10 = 536.5 ng

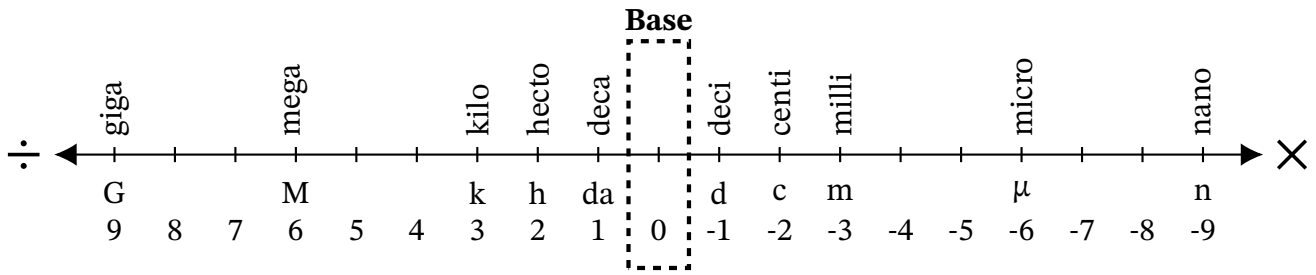
10. Convert 7,816,000,000 µg to g

    7,816,000,000 µg ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 7816 g

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

Name: _____ Date: _____ Score: ____ /10

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



1. Convert 2700 µg to mg

2. Convert 2,140,000,000 ng to g

3. Convert 0.0000017 mg to ng

4. Convert 0.00636 mg to µg

5. Convert 373,400,000 ng to µg

6. Convert 0.000351 g to µg

7. Convert 0.03583 g to mg

8. Convert 0.1893 µg to ng

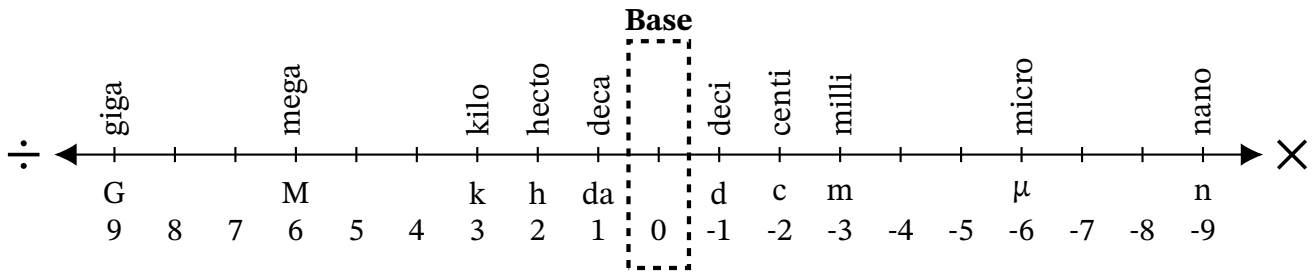
9. Convert 21,560,000,000,000 ng to g

10. Convert 6,010,000,000 ng to mg

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

Name: _____ Date: _____ Score: ____ /10

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



1. Convert 2700 µg to mg

   2700 µg ÷ 10 ÷ 10 ÷ 10 = 2.7 mg

2. Convert 2,140,000,000 ng to g

   2,140,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 2.14 g

3. Convert 0.0000017 mg to ng

   0.0000017 mg × 10 × 10 × 10 × 10 × 10 × 10 = 1.7 ng

4. Convert 0.00636 mg to µg

   0.00636 mg × 10 × 10 × 10 = 6.36 µg

5. Convert 373,400,000 ng to µg

   373,400,000 ng ÷ 10 ÷ 10 ÷ 10 = 373,400 µg

6. Convert 0.000351 g to µg

   0.000351 g × 10 × 10 × 10 × 10 × 10 × 10 = 351 µg

7. Convert 0.03583 g to mg

   0.03583 g × 10 × 10 × 10 = 35.83 mg

8. Convert 0.1893 µg to ng

   0.1893 µg × 10 × 10 × 10 = 189.3 ng

9. Convert 21,560,000,000,000 ng to g

   21,560,000,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 21,560 g

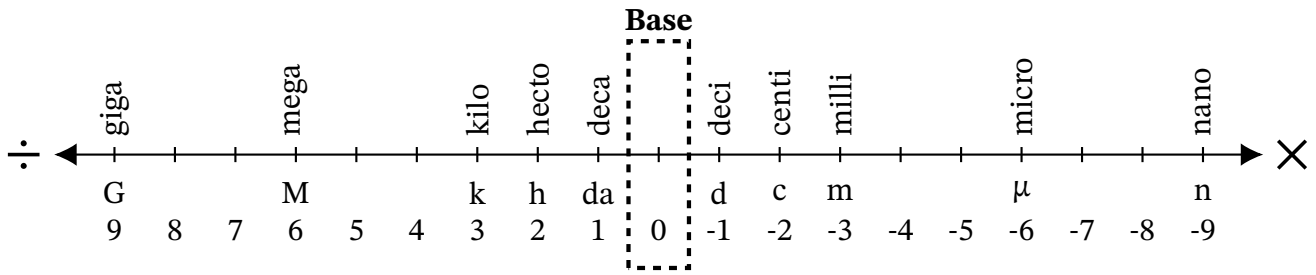
10. Convert 6,010,000,000 ng to mg

    6,010,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 6010 mg

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

Name: _____ Date: _____ Score: ____ /10

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



1. Convert 490,000,000 ng to mg

2. Convert 0.00051 μg to ng

3. Convert 0.0099 mg to μg

4. Convert 0.00573 g to mg

5. Convert 14,220,000 μg to g

6. Convert 4,700,000,000 ng to g

7. Convert 59,160,000,000 ng to g

8. Convert 0.00089 mg to μg

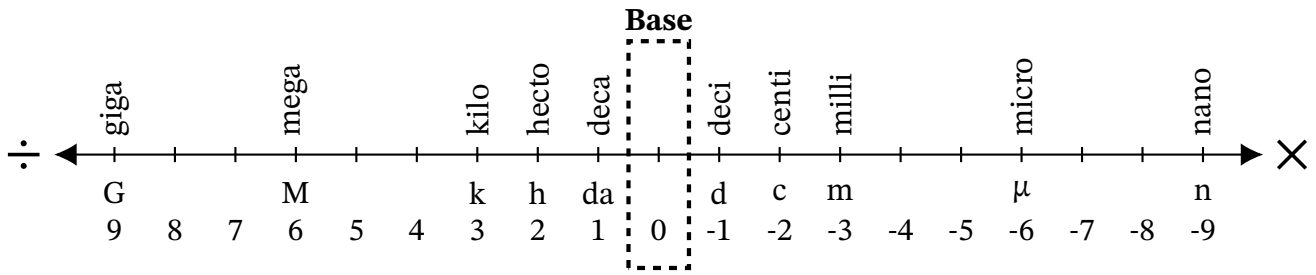
9. Convert 7.3 μg to ng

10. Convert 86,010,000,000 ng to mg

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

Name: _____ Date: _____ Score: ____ /10

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



1. Convert 490,000,000 ng to mg

   490,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 490 mg

2. Convert 0.00051 µg to ng

   0.00051 µg × 10 × 10 × 10 = 0.51 ng

3. Convert 0.0099 mg to µg

   0.0099 mg × 10 × 10 × 10 = 9.9 µg

4. Convert 0.00573 g to mg

   0.00573 g × 10 × 10 × 10 = 5.73 mg

5. Convert 14,220,000 µg to g

   14,220,000 µg ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 14.22 g

6. Convert 4,700,000,000 ng to g

   4,700,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 4.7 g

7. Convert 59,160,000,000 ng to g

   59,160,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 59.16 g

8. Convert 0.00089 mg to µg

   0.00089 mg × 10 × 10 × 10 = 0.89 µg

9. Convert 7.3 µg to ng

   7.3 µg × 10 × 10 × 10 = 7300 ng

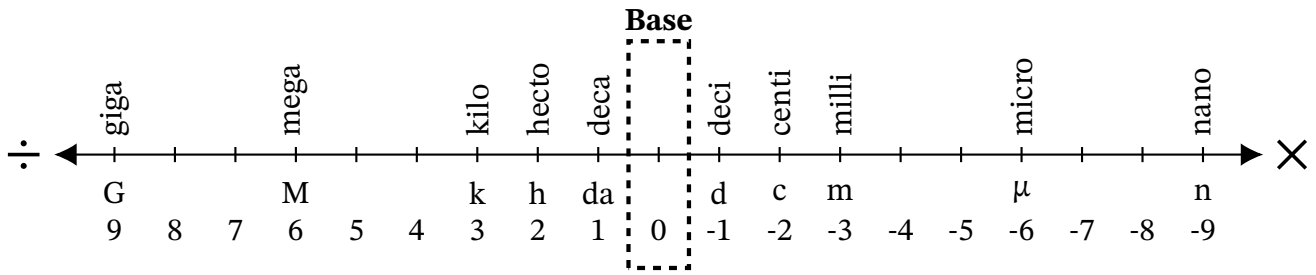
10. Convert 86,010,000,000 ng to mg

    86,010,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 86,010 mg

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

Name: _____ Date: _____ Score: ____ /10

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

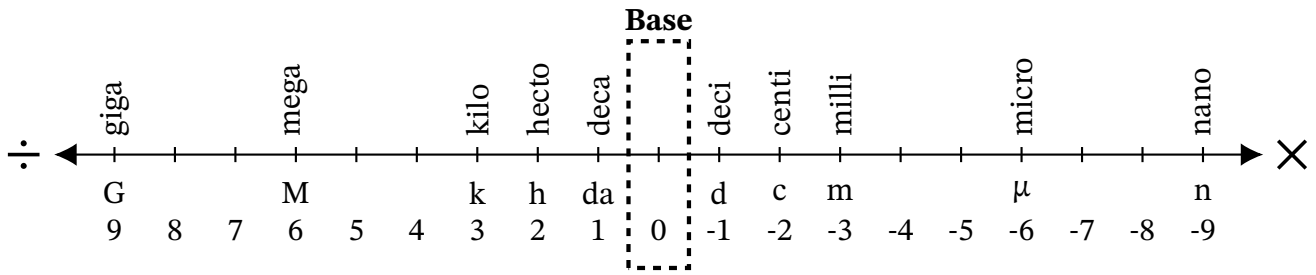
9. Convert 0.00066 g to μg

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: × ÷ ² ³.



1. Convert 6,090,000 ng to µg

   6,090,000 ng ÷ 10 ÷ 10 ÷ 10 = 6090 µg

2. Convert 0.00000672 g to ng

   0.00000672 g × 10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 = 6720 ng

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

   4,589,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 4589 mg

4. Convert 0.008258 mg to ng

   0.008258 mg × 10 × 10 × 10 × 10 × 10 × 10 = 8258 ng

5. Convert 78.2 g to mg

   78.2 g × 10 × 10 × 10 = 78,200 mg

6. Convert 0.982 µg to ng

   0.982 µg × 10 × 10 × 10 = 982 ng

7. Convert 760,000 µg to mg

   760,000 µg ÷ 10 ÷ 10 ÷ 10 = 760 mg

8. Convert 208,000 µg to mg

   208,000 µg ÷ 10 ÷ 10 ÷ 10 = 208 mg

9. Convert 0.00066 g to µg

   0.00066 g × 10 × 10 × 10 × 10 × 10 × 10 = 660 µg

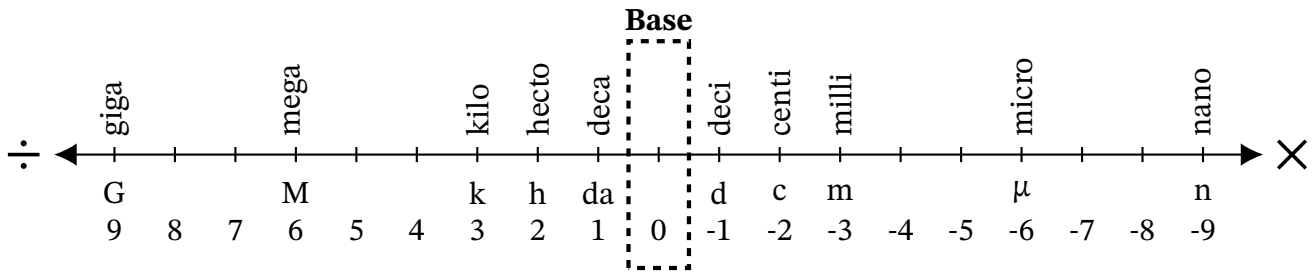
10. Convert 4,740,000,000,000 ng to g

    4,740,000,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 4740 g

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

Name: _____ Date: _____ Score: ____ /10

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



1. Convert 0.00808 mg to ng

2. Convert 72,630,000 mg to g

3. Convert 18,160,000,000 ng to g

4. Convert 8.73 μg to ng

5. Convert 292,500,000 ng to μg

6. Convert 0.00000000736 g to ng

7. Convert 30,300,000 μg to mg

8. Convert 0.00000096 mg to ng

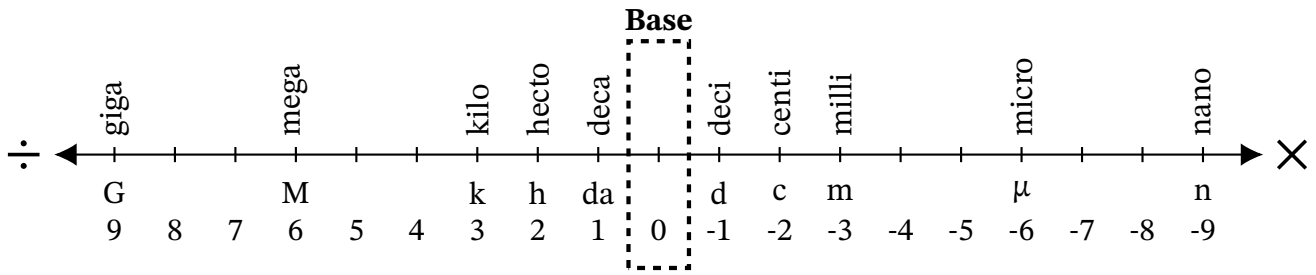
9. Convert 29,000,000 μg to g

10. Convert 0.00846 mg to μg

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

Name: _____ Date: _____ Score: ____ /10

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



1. Convert 0.00808 mg to ng

   0.00808 mg × 10 × 10 × 10 × 10 × 10 × 10 = 8080 ng

2. Convert 72,630,000 mg to g

   72,630,000 mg ÷ 10 ÷ 10 ÷ 10 = 72,630 g

3. Convert 18,160,000,000 ng to g

   18,160,000,000 ng ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 18.16 g

4. Convert 8.73 µg to ng

   8.73 µg × 10 × 10 × 10 = 8730 ng

5. Convert 292,500,000 ng to µg

   292,500,000 ng ÷ 10 ÷ 10 ÷ 10 = 292,500 µg

6. Convert 0.00000000736 g to ng

   0.00000000736 g × 10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 = 7.36 ng

7. Convert 30,300,000 µg to mg

   30,300,000 µg ÷ 10 ÷ 10 ÷ 10 = 30,300 mg

8. Convert 0.00000096 mg to ng

   0.00000096 mg × 10 × 10 × 10 × 10 × 10 × 10 = 0.96 ng

9. Convert 29,000,000 µg to g

   29,000,000 µg ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 ÷ 10 = 29 g

10. Convert 0.00846 mg to µg

    0.00846 mg × 10 × 10 × 10 = 8.46 µg