

Converting Between mg, g and kg (A)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 21.52 g to mg
2. Convert 62,100,000 mg to kg
3. Convert 0.64 kg to g
4. Convert 710,000 mg to g
5. Convert 0.0000196 kg to mg
6. Convert 960,000 mg to g
7. Convert 87,220 g to kg
8. Convert 1,410,000 mg to g
9. Convert 0.00009139 kg to mg
10. Convert 0.02257 kg to g

Converting Between mg, g and kg (A) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 21.52 g to mg

$$21.52 \text{ g} \times 10 \times 10 \times 10 = 21,520 \text{ mg}$$

2. Convert 62,100,000 mg to kg

$$62,100,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 62.1 \text{ kg}$$

3. Convert 0.64 kg to g

$$0.64 \text{ kg} \times 10 \times 10 \times 10 = 640 \text{ g}$$

4. Convert 710,000 mg to g

$$710,000 \text{ mg} \div 10 \div 10 \div 10 = 710 \text{ g}$$

5. Convert 0.0000196 kg to mg

$$0.0000196 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 19.6 \text{ mg}$$

6. Convert 960,000 mg to g

$$960,000 \text{ mg} \div 10 \div 10 \div 10 = 960 \text{ g}$$

7. Convert 87,220 g to kg

$$87,220 \text{ g} \div 10 \div 10 \div 10 = 87.22 \text{ kg}$$

8. Convert 1,410,000 mg to g

$$1,410,000 \text{ mg} \div 10 \div 10 \div 10 = 1410 \text{ g}$$

9. Convert 0.00009139 kg to mg

$$0.00009139 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 91.39 \text{ mg}$$

10. Convert 0.02257 kg to g

$$0.02257 \text{ kg} \times 10 \times 10 \times 10 = 22.57 \text{ g}$$

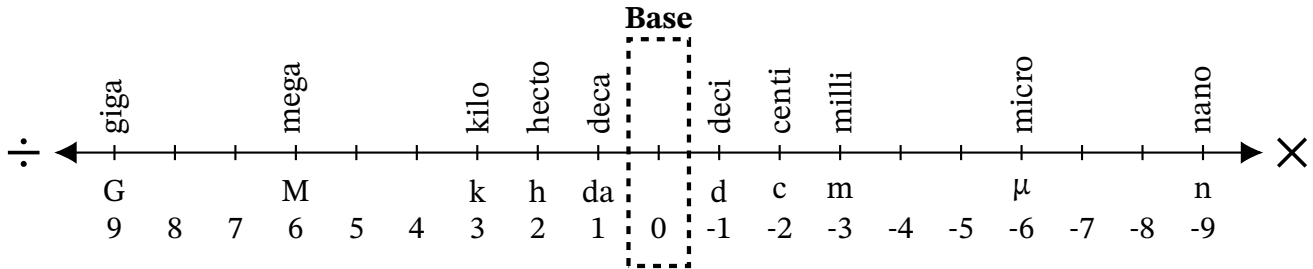
Converting Between mg, g and kg (B)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 65,400,000 mg to kg
2. Convert 7,160,000 mg to g
3. Convert 112,600 mg to g
4. Convert 6,900,000 mg to kg
5. Convert 617,000,000 mg to kg
6. Convert 0.0326 kg to g
7. Convert 0.0607 kg to g
8. Convert 0.1193 g to mg
9. Convert 0.1579 kg to g
10. Convert 14.18 g to mg

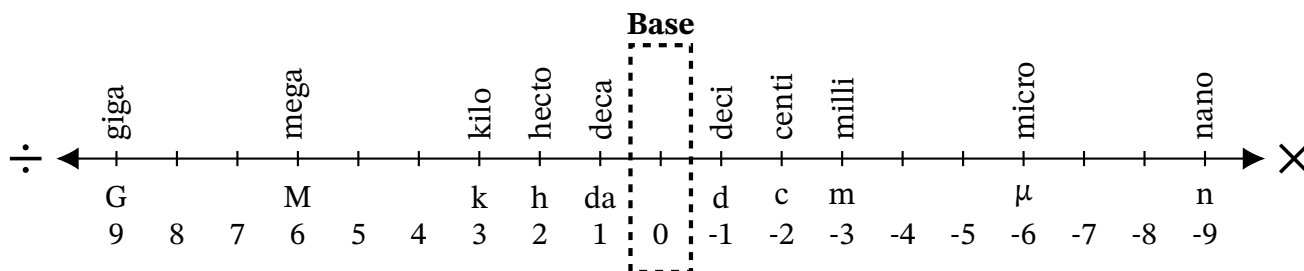
Converting Between mg, g and kg (B) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 65,400,000 mg to kg

$$65,400,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 65.4 \text{ kg}$$

2. Convert 7,160,000 mg to g

$$7,160,000 \text{ mg} \div 10 \div 10 \div 10 = 7160 \text{ g}$$

3. Convert 112,600 mg to g

$$112,600 \text{ mg} \div 10 \div 10 \div 10 = 112.6 \text{ g}$$

4. Convert 6,900,000 mg to kg

$$6,900,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 6.9 \text{ kg}$$

5. Convert 617,000,000 mg to kg

$$617,000,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 617 \text{ kg}$$

6. Convert 0.0326 kg to g

$$0.0326 \text{ kg} \times 10 \times 10 \times 10 = 32.6 \text{ g}$$

7. Convert 0.0607 kg to g

$$0.0607 \text{ kg} \times 10 \times 10 \times 10 = 60.7 \text{ g}$$

8. Convert 0.1193 g to mg

$$0.1193 \text{ g} \times 10 \times 10 \times 10 = 119.3 \text{ mg}$$

9. Convert 0.1579 kg to g

$$0.1579 \text{ kg} \times 10 \times 10 \times 10 = 157.9 \text{ g}$$

10. Convert 14.18 g to mg

$$14.18 \text{ g} \times 10 \times 10 \times 10 = 14,180 \text{ mg}$$

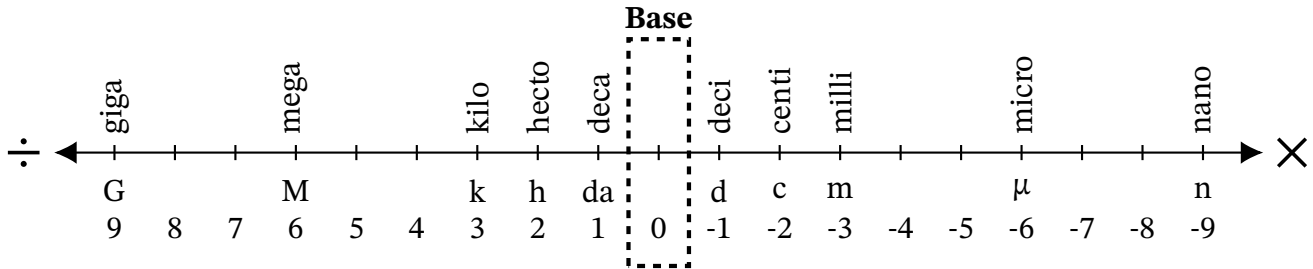
Converting Between mg, g and kg (C)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 7.04 g to mg
2. Convert 749.3 g to mg
3. Convert 870,000 mg to g
4. Convert 442,200 g to kg
5. Convert 6.2 kg to g
6. Convert 200,700,000 mg to kg
7. Convert 685,000,000 mg to kg
8. Convert 16.1 kg to g
9. Convert 95.09 g to mg
10. Convert 484,100,000,000 mg to kg

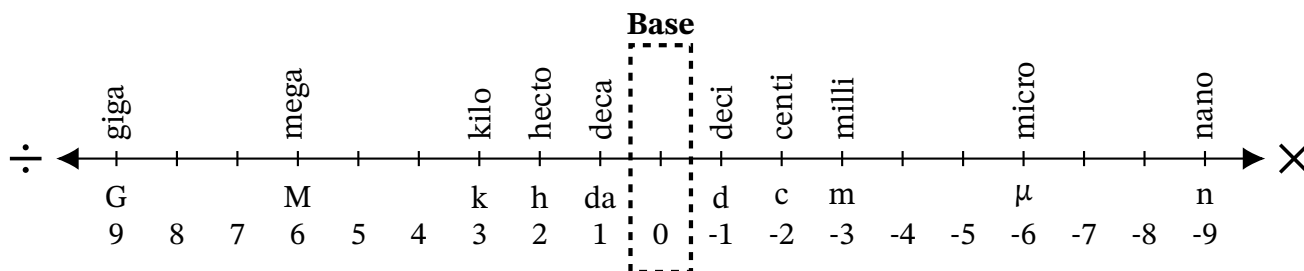
Converting Between mg, g and kg (C) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 7.04 g to mg

$$7.04 \text{ g} \times 10 \times 10 \times 10 = 7040 \text{ mg}$$

2. Convert 749.3 g to mg

$$749.3 \text{ g} \times 10 \times 10 \times 10 = 749,300 \text{ mg}$$

3. Convert 870,000 mg to g

$$870,000 \text{ mg} \div 10 \div 10 \div 10 = 870 \text{ g}$$

4. Convert 442,200 g to kg

$$442,200 \text{ g} \div 10 \div 10 \div 10 = 442.2 \text{ kg}$$

5. Convert 6.2 kg to g

$$6.2 \text{ kg} \times 10 \times 10 \times 10 = 6200 \text{ g}$$

6. Convert 200,700,000 mg to kg

$$200,700,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 200.7 \text{ kg}$$

7. Convert 685,000,000 mg to kg

$$685,000,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 685 \text{ kg}$$

8. Convert 16.1 kg to g

$$16.1 \text{ kg} \times 10 \times 10 \times 10 = 16,100 \text{ g}$$

9. Convert 95.09 g to mg

$$95.09 \text{ g} \times 10 \times 10 \times 10 = 95,090 \text{ mg}$$

10. Convert 484,100,000,000 mg to kg

$$484,100,000,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 484,100 \text{ kg}$$

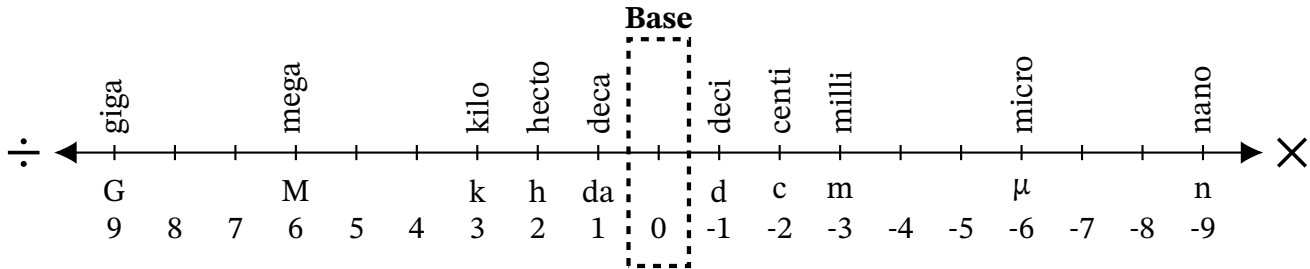
Converting Between mg, g and kg (D)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 4,897,000 mg to g
2. Convert 48,750 mg to g
3. Convert 4100 g to kg
4. Convert 0.00032 g to mg
5. Convert 0.0365 kg to mg
6. Convert 0.000066 kg to mg
7. Convert 0.7978 g to mg
8. Convert 0.00903 kg to mg
9. Convert 947,200,000 g to kg
10. Convert 76,500 g to kg

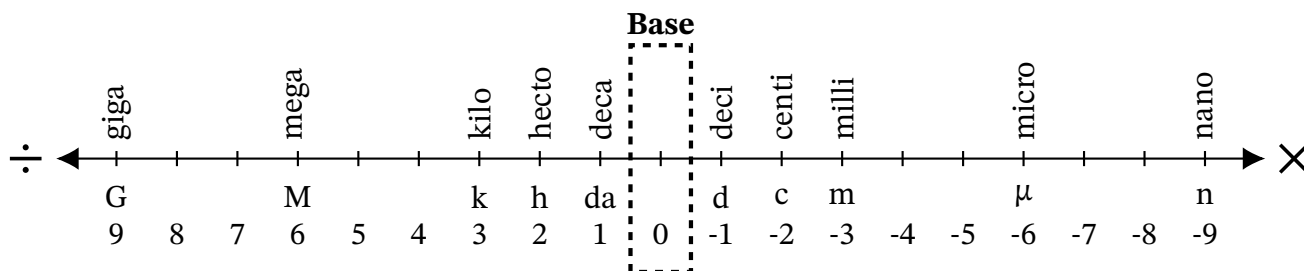
Converting Between mg, g and kg (D) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 4,897,000 mg to g
 $4,897,000 \text{ mg} \div 10 \div 10 \div 10 = 4897 \text{ g}$
2. Convert 48,750 mg to g
 $48,750 \text{ mg} \div 10 \div 10 \div 10 = 48.75 \text{ g}$
3. Convert 4100 g to kg
 $4100 \text{ g} \div 10 \div 10 \div 10 = 4.1 \text{ kg}$
4. Convert 0.00032 g to mg
 $0.00032 \text{ g} \times 10 \times 10 \times 10 = 0.32 \text{ mg}$
5. Convert 0.0365 kg to mg
 $0.0365 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 36,500 \text{ mg}$
6. Convert 0.000066 kg to mg
 $0.000066 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 66 \text{ mg}$
7. Convert 0.7978 g to mg
 $0.7978 \text{ g} \times 10 \times 10 \times 10 = 797.8 \text{ mg}$
8. Convert 0.00903 kg to mg
 $0.00903 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 9030 \text{ mg}$
9. Convert 947,200,000 g to kg
 $947,200,000 \text{ g} \div 10 \div 10 \div 10 = 947,200 \text{ kg}$
10. Convert 76,500 g to kg
 $76,500 \text{ g} \div 10 \div 10 \div 10 = 76.5 \text{ kg}$

Converting Between mg, g and kg (E)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 6,860,000,000 mg to kg
2. Convert 0.11 g to mg
3. Convert 372,000 g to kg
4. Convert 0.096 kg to g
5. Convert 35,310,000 mg to g
6. Convert 50.69 g to mg
7. Convert 49,100,000 g to kg
8. Convert 0.00000822 kg to mg
9. Convert 0.00074 g to mg
10. Convert 884,000,000 mg to kg

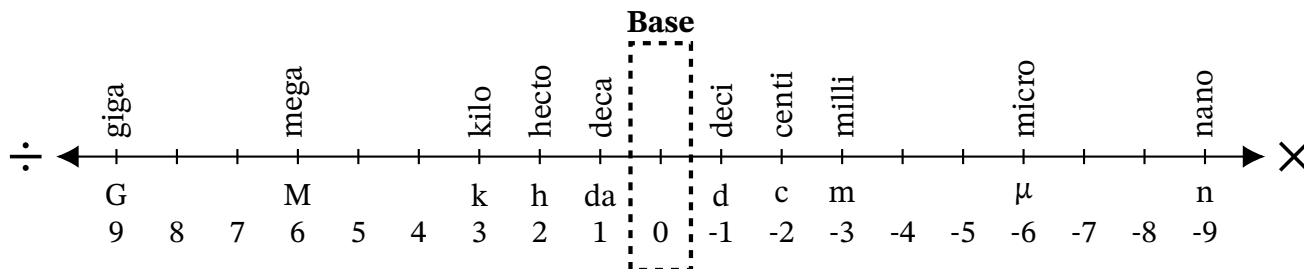
Converting Between mg, g and kg (E) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 6,860,000,000 mg to kg

$$6,860,000,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 6860 \text{ kg}$$

2. Convert 0.11 g to mg

$$0.11 \text{ g} \times 10 \times 10 \times 10 = 110 \text{ mg}$$

3. Convert 372,000 g to kg

$$372,000 \text{ g} \div 10 \div 10 \div 10 = 372 \text{ kg}$$

4. Convert 0.096 kg to g

$$0.096 \text{ kg} \times 10 \times 10 \times 10 = 96 \text{ g}$$

5. Convert 35,310,000 mg to g

$$35,310,000 \text{ mg} \div 10 \div 10 \div 10 = 35,310 \text{ g}$$

6. Convert 50.69 g to mg

$$50.69 \text{ g} \times 10 \times 10 \times 10 = 50,690 \text{ mg}$$

7. Convert 49,100,000 g to kg

$$49,100,000 \text{ g} \div 10 \div 10 \div 10 = 49,100 \text{ kg}$$

8. Convert 0.00000822 kg to mg

$$0.00000822 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 8.22 \text{ mg}$$

9. Convert 0.00074 g to mg

$$0.00074 \text{ g} \times 10 \times 10 \times 10 = 0.74 \text{ mg}$$

10. Convert 884,000,000 mg to kg

$$884,000,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 884 \text{ kg}$$

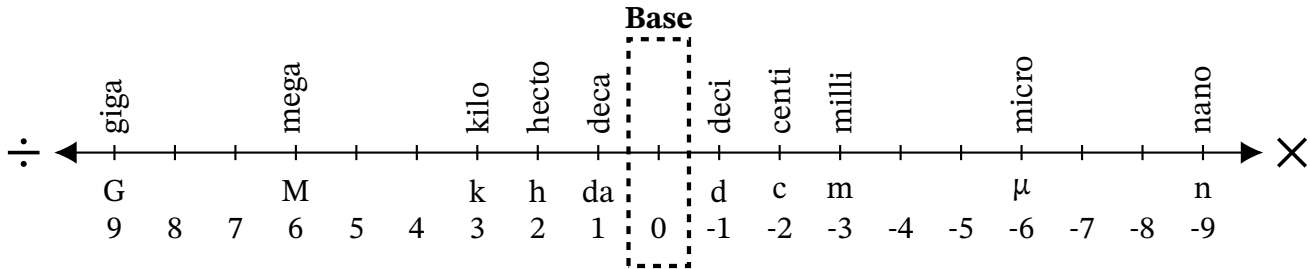
Converting Between mg, g and kg (F)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 0.06768 kg to mg
2. Convert 776,800 mg to g
3. Convert 0.0000037 kg to mg
4. Convert 8,580,000 g to kg
5. Convert 28,000 mg to g
6. Convert 8,780,000,000 mg to kg
7. Convert 637,100,000 g to kg
8. Convert 0.00234 g to mg
9. Convert 0.1944 g to mg
10. Convert 59.9 kg to g

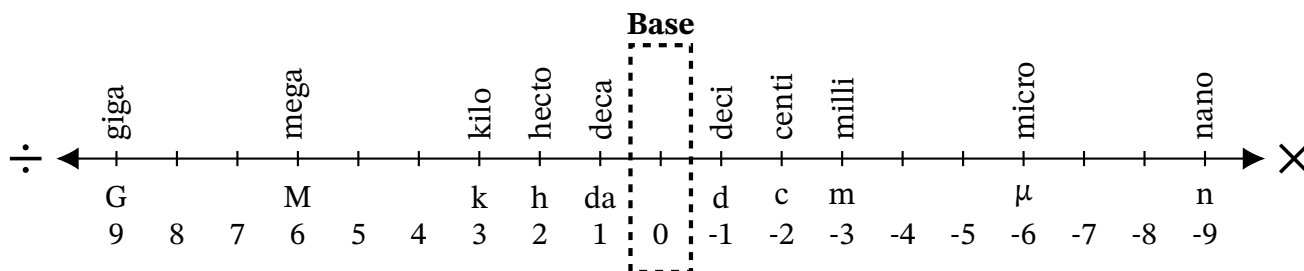
Converting Between mg, g and kg (F) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 0.06768 kg to mg

$$0.06768 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 67,680 \text{ mg}$$

2. Convert 776,800 mg to g

$$776,800 \text{ mg} \div 10 \div 10 \div 10 = 776.8 \text{ g}$$

3. Convert 0.0000037 kg to mg

$$0.0000037 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 3.7 \text{ mg}$$

4. Convert 8,580,000 g to kg

$$8,580,000 \text{ g} \div 10 \div 10 \div 10 = 8580 \text{ kg}$$

5. Convert 28,000 mg to g

$$28,000 \text{ mg} \div 10 \div 10 \div 10 = 28 \text{ g}$$

6. Convert 8,780,000,000 mg to kg

$$8,780,000,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 8780 \text{ kg}$$

7. Convert 637,100,000 g to kg

$$637,100,000 \text{ g} \div 10 \div 10 \div 10 = 637,100 \text{ kg}$$

8. Convert 0.00234 g to mg

$$0.00234 \text{ g} \times 10 \times 10 \times 10 = 2.34 \text{ mg}$$

9. Convert 0.1944 g to mg

$$0.1944 \text{ g} \times 10 \times 10 \times 10 = 194.4 \text{ mg}$$

10. Convert 59.9 kg to g

$$59.9 \text{ kg} \times 10 \times 10 \times 10 = 59,900 \text{ g}$$

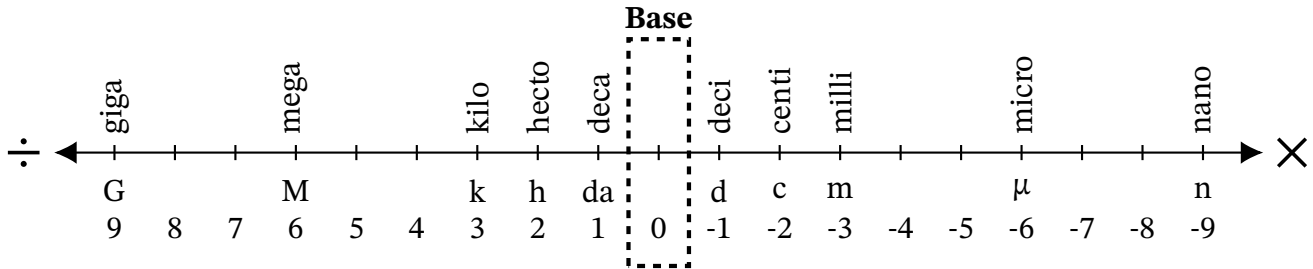
Converting Between mg, g and kg (G)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 35,000 mg to g
2. Convert 5.494 kg to g
3. Convert 0.4738 kg to mg
4. Convert 0.0098 g to mg
5. Convert 84,700 g to kg
6. Convert 0.1534 kg to mg
7. Convert 839,900,000 mg to kg
8. Convert 0.0269 g to mg
9. Convert 3470 g to kg
10. Convert 7,800,000 mg to g

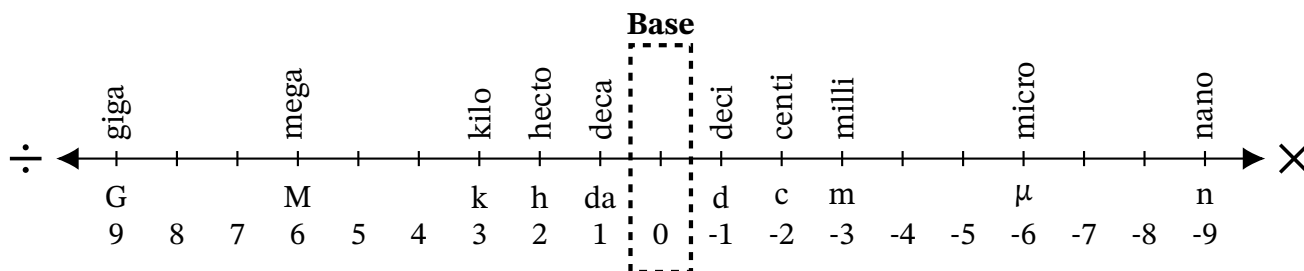
Converting Between mg, g and kg (G) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 35,000 mg to g

$$35,000 \text{ mg} \div 10 \div 10 \div 10 = 35 \text{ g}$$

2. Convert 5.494 kg to g

$$5.494 \text{ kg} \times 10 \times 10 \times 10 = 5494 \text{ g}$$

3. Convert 0.4738 kg to mg

$$0.4738 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 473,800 \text{ mg}$$

4. Convert 0.0098 g to mg

$$0.0098 \text{ g} \times 10 \times 10 \times 10 = 9.8 \text{ mg}$$

5. Convert 84,700 g to kg

$$84,700 \text{ g} \div 10 \div 10 \div 10 = 84.7 \text{ kg}$$

6. Convert 0.1534 kg to mg

$$0.1534 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 153,400 \text{ mg}$$

7. Convert 839,900,000 mg to kg

$$839,900,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 839.9 \text{ kg}$$

8. Convert 0.0269 g to mg

$$0.0269 \text{ g} \times 10 \times 10 \times 10 = 26.9 \text{ mg}$$

9. Convert 3470 g to kg

$$3470 \text{ g} \div 10 \div 10 \div 10 = 3.47 \text{ kg}$$

10. Convert 7,800,000 mg to g

$$7,800,000 \text{ mg} \div 10 \div 10 \div 10 = 7800 \text{ g}$$

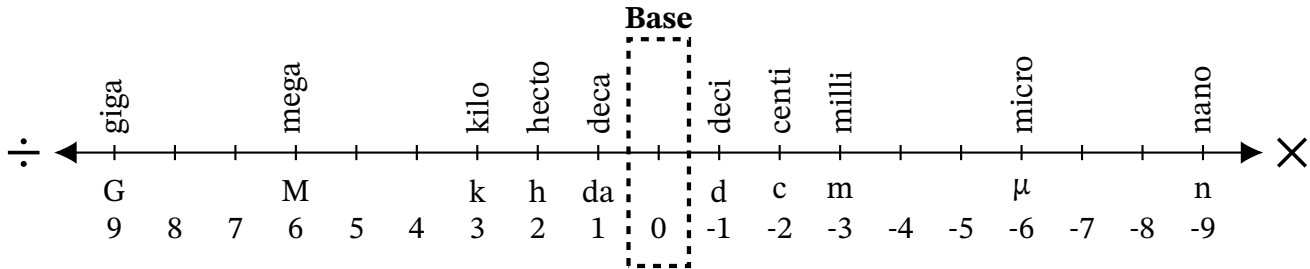
Converting Between mg, g and kg (H)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 0.00324 g to mg
2. Convert 305,500 g to kg
3. Convert 0.04973 g to mg
4. Convert 503,900,000,000 mg to kg
5. Convert 0.05713 kg to g
6. Convert 2,500,000,000 mg to kg
7. Convert 70,970,000 mg to g
8. Convert 797,400,000 mg to kg
9. Convert 0.57 g to mg
10. Convert 0.0679 kg to g

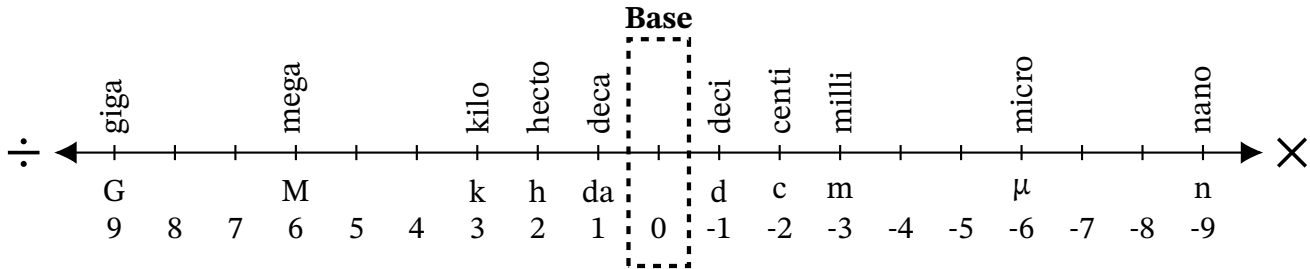
Converting Between mg, g and kg (H) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 0.00324 g to mg

$$0.00324 \text{ g} \times 10 \times 10 \times 10 = 3.24 \text{ mg}$$

2. Convert 305,500 g to kg

$$305,500 \text{ g} \div 10 \div 10 \div 10 = 305.5 \text{ kg}$$

3. Convert 0.04973 g to mg

$$0.04973 \text{ g} \times 10 \times 10 \times 10 = 49.73 \text{ mg}$$

4. Convert 503,900,000,000 mg to kg

$$503,900,000,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 503,900 \text{ kg}$$

5. Convert 0.05713 kg to g

$$0.05713 \text{ kg} \times 10 \times 10 \times 10 = 57.13 \text{ g}$$

6. Convert 2,500,000,000 mg to kg

$$2,500,000,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 2500 \text{ kg}$$

7. Convert 70,970,000 mg to g

$$70,970,000 \text{ mg} \div 10 \div 10 \div 10 = 70,970 \text{ g}$$

8. Convert 797,400,000 mg to kg

$$797,400,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 797.4 \text{ kg}$$

9. Convert 0.57 g to mg

$$0.57 \text{ g} \times 10 \times 10 \times 10 = 570 \text{ mg}$$

10. Convert 0.0679 kg to g

$$0.0679 \text{ kg} \times 10 \times 10 \times 10 = 67.9 \text{ g}$$

Converting Between mg, g and kg (I)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 680 g to kg
2. Convert 0.0038 g to mg
3. Convert 660,000,000 mg to kg
4. Convert 4,810,000 mg to kg
5. Convert 498.6 g to mg
6. Convert 2950 mg to g
7. Convert 699.2 g to mg
8. Convert 0.01535 kg to g
9. Convert 6.78 kg to g
10. Convert 62,770,000,000 mg to kg

Converting Between mg, g and kg (I) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 680 g to kg

$$680 \text{ g} \div 10 \div 10 \div 10 = 0.68 \text{ kg}$$

2. Convert 0.0038 g to mg

$$0.0038 \text{ g} \times 10 \times 10 \times 10 = 3.8 \text{ mg}$$

3. Convert 660,000,000 mg to kg

$$660,000,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 660 \text{ kg}$$

4. Convert 4,810,000 mg to kg

$$4,810,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 4.81 \text{ kg}$$

5. Convert 498.6 g to mg

$$498.6 \text{ g} \times 10 \times 10 \times 10 = 498,600 \text{ mg}$$

6. Convert 2950 mg to g

$$2950 \text{ mg} \div 10 \div 10 \div 10 = 2.95 \text{ g}$$

7. Convert 699.2 g to mg

$$699.2 \text{ g} \times 10 \times 10 \times 10 = 699,200 \text{ mg}$$

8. Convert 0.01535 kg to g

$$0.01535 \text{ kg} \times 10 \times 10 \times 10 = 15.35 \text{ g}$$

9. Convert 6.78 kg to g

$$6.78 \text{ kg} \times 10 \times 10 \times 10 = 6780 \text{ g}$$

10. Convert 62,770,000,000 mg to kg

$$62,770,000,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 62,770 \text{ kg}$$

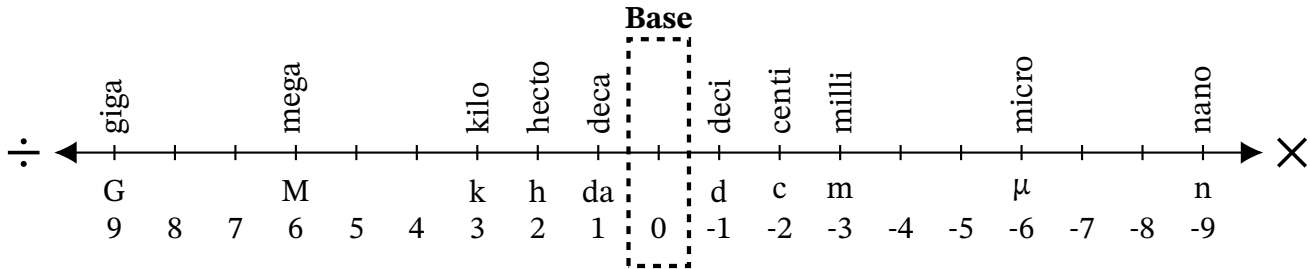
Converting Between mg, g and kg (J)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 1.75 g to mg
2. Convert 0.011 kg to g
3. Convert 41.9 g to mg
4. Convert 470,500 mg to g
5. Convert 66,230 g to kg
6. Convert 7,760,000 mg to g
7. Convert 3,020,000 mg to kg
8. Convert 0.00093 kg to mg
9. Convert 9,101,000,000 mg to kg
10. Convert 57.6 kg to g

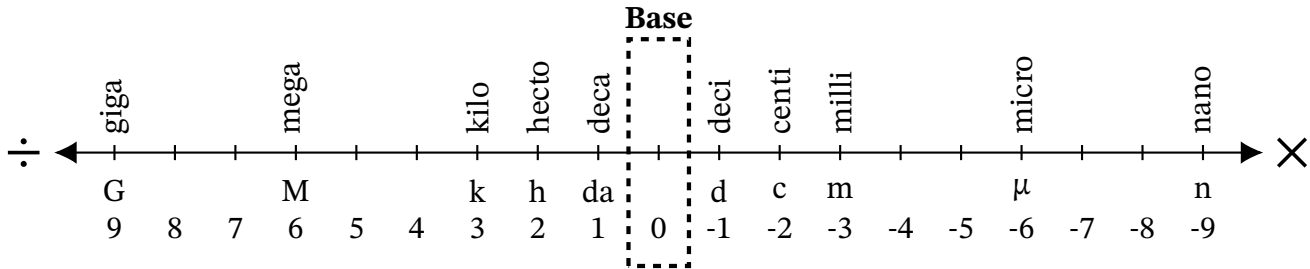
Converting Between mg, g and kg (J) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 1.75 g to mg

$$1.75 \text{ g} \times 10 \times 10 \times 10 = 1750 \text{ mg}$$

2. Convert 0.011 kg to g

$$0.011 \text{ kg} \times 10 \times 10 \times 10 = 11 \text{ g}$$

3. Convert 41.9 g to mg

$$41.9 \text{ g} \times 10 \times 10 \times 10 = 41,900 \text{ mg}$$

4. Convert 470,500 mg to g

$$470,500 \text{ mg} \div 10 \div 10 \div 10 = 470.5 \text{ g}$$

5. Convert 66,230 g to kg

$$66,230 \text{ g} \div 10 \div 10 \div 10 = 66.23 \text{ kg}$$

6. Convert 7,760,000 mg to g

$$7,760,000 \text{ mg} \div 10 \div 10 \div 10 = 7760 \text{ g}$$

7. Convert 3,020,000 mg to kg

$$3,020,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 3.02 \text{ kg}$$

8. Convert 0.00093 kg to mg

$$0.00093 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 930 \text{ mg}$$

9. Convert 9,101,000,000 mg to kg

$$9,101,000,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 9101 \text{ kg}$$

10. Convert 57.6 kg to g

$$57.6 \text{ kg} \times 10 \times 10 \times 10 = 57,600 \text{ g}$$