

Converting Between kg, g and mg (A)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 5 800 000 mg to kg
2. Convert 0.000053 kg to mg
3. Convert 82 100 000 g to kg
4. Convert 9.516 g to mg
5. Convert 0.86 g to mg
6. Convert 880 000 mg to g
7. Convert 270 000 mg to kg
8. Convert 7.15 kg to g
9. Convert 8 380 000 g to kg
10. Convert 3.9 g to mg

Converting Between kg, g and mg (A) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 5 800 000 mg to kg
 $5\ 800\ 000\ \text{mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 5.8\ \text{kg}$
2. Convert 0.000053 kg to mg
 $0.000053\ \text{kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 53\ \text{mg}$
3. Convert 82 100 000 g to kg
 $82\ 100\ 000\ \text{g} \div 10 \div 10 \div 10 = 82\ 100\ \text{kg}$
4. Convert 9.516 g to mg
 $9.516\ \text{g} \times 10 \times 10 \times 10 = 9516\ \text{mg}$
5. Convert 0.86 g to mg
 $0.86\ \text{g} \times 10 \times 10 \times 10 = 860\ \text{mg}$
6. Convert 880 000 mg to g
 $880\ 000\ \text{mg} \div 10 \div 10 \div 10 = 880\ \text{g}$
7. Convert 270 000 mg to kg
 $270\ 000\ \text{mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 0.27\ \text{kg}$
8. Convert 7.15 kg to g
 $7.15\ \text{kg} \times 10 \times 10 \times 10 = 7150\ \text{g}$
9. Convert 8 380 000 g to kg
 $8\ 380\ 000\ \text{g} \div 10 \div 10 \div 10 = 8380\ \text{kg}$
10. Convert 3.9 g to mg
 $3.9\ \text{g} \times 10 \times 10 \times 10 = 3900\ \text{mg}$

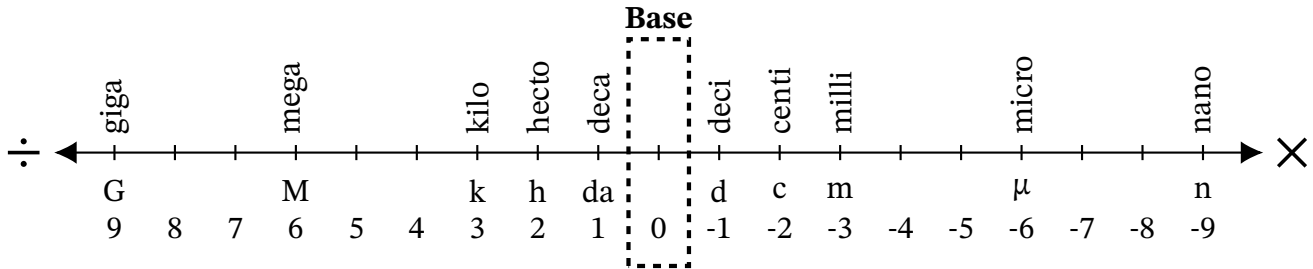
Converting Between kg, g and mg (B)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 439 000 mg to g
2. Convert 0.00000308 kg to mg
3. Convert 659 000 g to kg
4. Convert 864.6 g to mg
5. Convert 0.000131 kg to mg
6. Convert 235 000 mg to g
7. Convert 0.04736 kg to mg
8. Convert 0.08101 g to mg
9. Convert 6 030 000 g to kg
10. Convert 1 700 000 g to kg

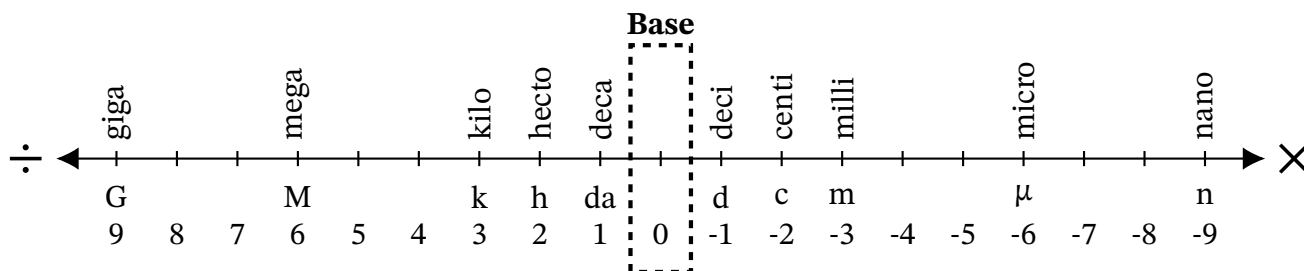
Converting Between kg, g and mg (B) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 439 000 mg to g

$$439\ 000\ \text{mg} \div 10 \div 10 \div 10 = 439\ \text{g}$$

2. Convert 0.00000308 kg to mg

$$0.00000308\ \text{kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 3.08\ \text{mg}$$

3. Convert 659 000 g to kg

$$659\ 000\ \text{g} \div 10 \div 10 \div 10 = 659\ \text{kg}$$

4. Convert 864.6 g to mg

$$864.6\ \text{g} \times 10 \times 10 \times 10 = 864\ 600\ \text{mg}$$

5. Convert 0.000131 kg to mg

$$0.000131\ \text{kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 131\ \text{mg}$$

6. Convert 235 000 mg to g

$$235\ 000\ \text{mg} \div 10 \div 10 \div 10 = 235\ \text{g}$$

7. Convert 0.04736 kg to mg

$$0.04736\ \text{kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 47\ 360\ \text{mg}$$

8. Convert 0.08101 g to mg

$$0.08101\ \text{g} \times 10 \times 10 \times 10 = 81.01\ \text{mg}$$

9. Convert 6 030 000 g to kg

$$6\ 030\ 000\ \text{g} \div 10 \div 10 \div 10 = 6030\ \text{kg}$$

10. Convert 1 700 000 g to kg

$$1\ 700\ 000\ \text{g} \div 10 \div 10 \div 10 = 1700\ \text{kg}$$

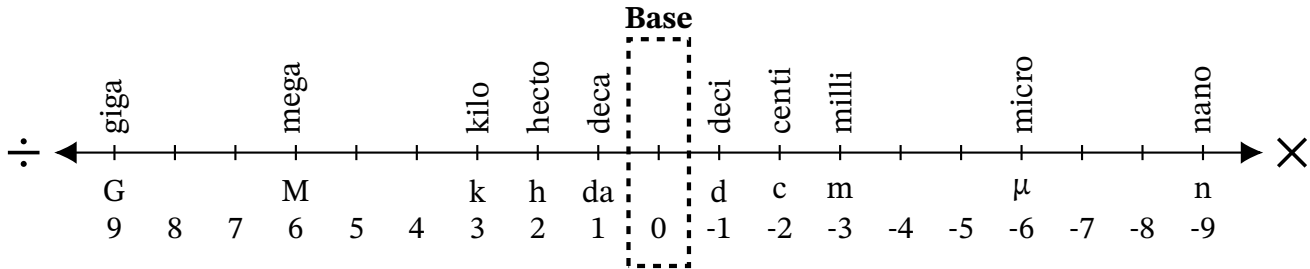
Converting Between kg, g and mg (C)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 6 200 000 mg to g
2. Convert 608 000 000 mg to kg
3. Convert 7010 g to kg
4. Convert 6.354 kg to g
5. Convert 55 900 000 mg to g
6. Convert 0.001063 kg to mg
7. Convert 677.3 g to mg
8. Convert 962.6 g to mg
9. Convert 0.0027 kg to mg
10. Convert 420 000 g to kg

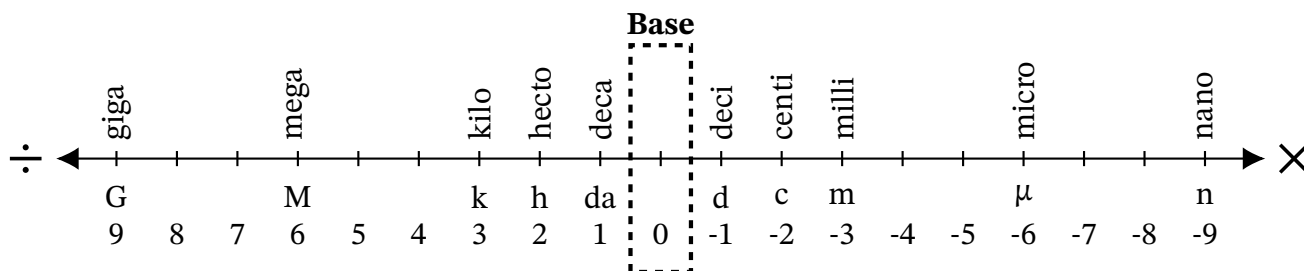
Converting Between kg, g and mg (C) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 6 200 000 mg to g

$$6\ 200\ 000\ \text{mg} \div 10 \div 10 \div 10 = 6200\ \text{g}$$

2. Convert 608 000 000 mg to kg

$$608\ 000\ 000\ \text{mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 608\ \text{kg}$$

3. Convert 7010 g to kg

$$7010\ \text{g} \div 10 \div 10 \div 10 = 7.01\ \text{kg}$$

4. Convert 6.354 kg to g

$$6.354\ \text{kg} \times 10 \times 10 \times 10 = 6354\ \text{g}$$

5. Convert 55 900 000 mg to g

$$55\ 900\ 000\ \text{mg} \div 10 \div 10 \div 10 = 55\ 900\ \text{g}$$

6. Convert 0.001063 kg to mg

$$0.001063\ \text{kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 1063\ \text{mg}$$

7. Convert 677.3 g to mg

$$677.3\ \text{g} \times 10 \times 10 \times 10 = 677\ 300\ \text{mg}$$

8. Convert 962.6 g to mg

$$962.6\ \text{g} \times 10 \times 10 \times 10 = 962\ 600\ \text{mg}$$

9. Convert 0.0027 kg to mg

$$0.0027\ \text{kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 2700\ \text{mg}$$

10. Convert 420 000 g to kg

$$420\ 000\ \text{g} \div 10 \div 10 \div 10 = 420\ \text{kg}$$

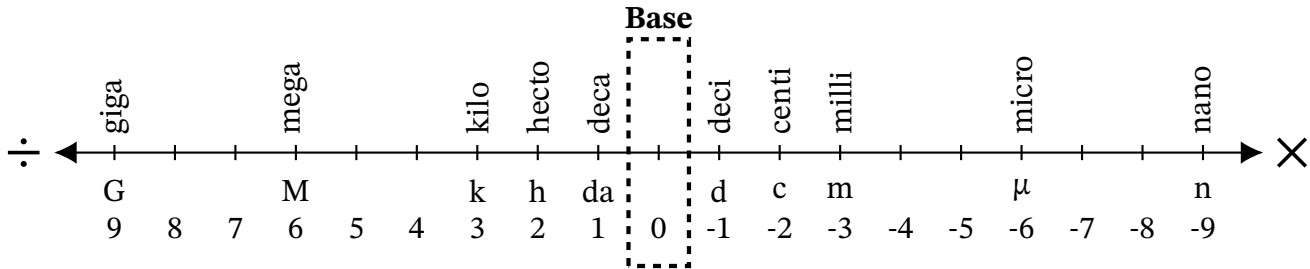
Converting Between kg, g and mg (D)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 0.00000955 kg to mg
2. Convert 0.12 kg to g
3. Convert 24 500 mg to g
4. Convert 2 790 000 g to kg
5. Convert 0.07023 kg to mg
6. Convert 0.00846 kg to g
7. Convert 260 000 mg to g
8. Convert 70.34 g to mg
9. Convert 3 962 000 000 mg to kg
10. Convert 2 808 000 mg to g

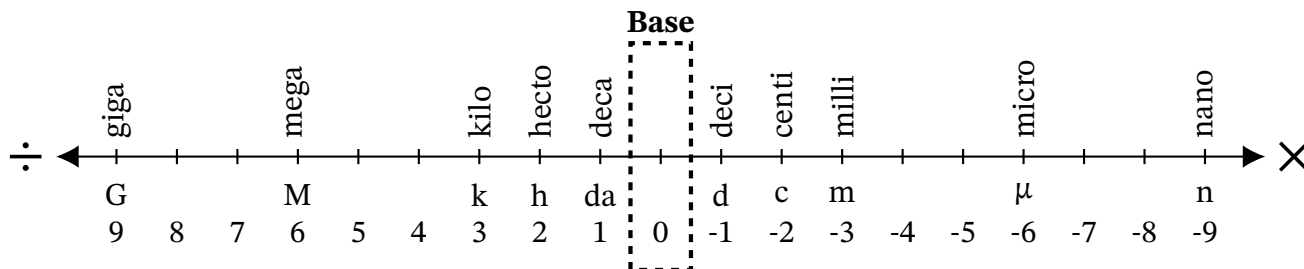
Converting Between kg, g and mg (D) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 0.00000955 kg to mg

$$0.00000955 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 9.55 \text{ mg}$$

2. Convert 0.12 kg to g

$$0.12 \text{ kg} \times 10 \times 10 \times 10 = 120 \text{ g}$$

3. Convert 24 500 mg to g

$$24\,500 \text{ mg} \div 10 \div 10 \div 10 = 24.5 \text{ g}$$

4. Convert 2 790 000 g to kg

$$2\,790\,000 \text{ g} \div 10 \div 10 \div 10 = 2790 \text{ kg}$$

5. Convert 0.07023 kg to mg

$$0.07023 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 70\,230 \text{ mg}$$

6. Convert 0.00846 kg to g

$$0.00846 \text{ kg} \times 10 \times 10 \times 10 = 8.46 \text{ g}$$

7. Convert 260 000 mg to g

$$260\,000 \text{ mg} \div 10 \div 10 \div 10 = 260 \text{ g}$$

8. Convert 70.34 g to mg

$$70.34 \text{ g} \times 10 \times 10 \times 10 = 70\,340 \text{ mg}$$

9. Convert 3 962 000 000 mg to kg

$$3\,962\,000\,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 3962 \text{ kg}$$

10. Convert 2 808 000 mg to g

$$2\,808\,000 \text{ mg} \div 10 \div 10 \div 10 = 2808 \text{ g}$$

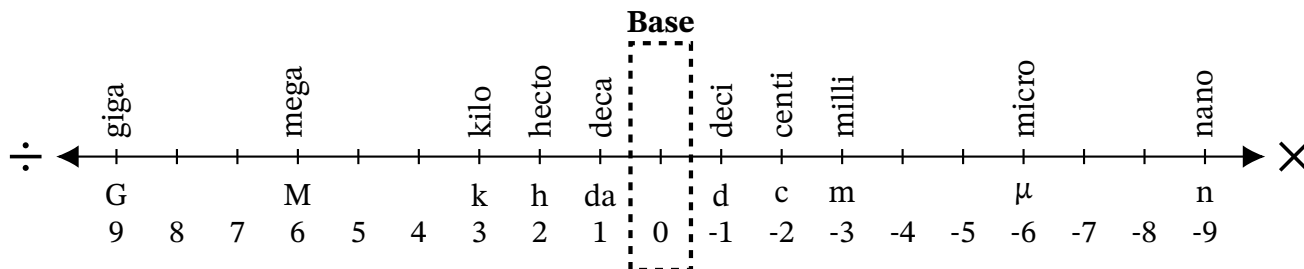
Converting Between kg, g and mg (E)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 0.01374 g to mg
2. Convert 0.9554 g to mg
3. Convert 525 000 g to kg
4. Convert 0.0000025 kg to mg
5. Convert 4 280 000 mg to kg
6. Convert 9300 g to kg
7. Convert 1 800 000 g to kg
8. Convert 4.69 g to mg
9. Convert 0.00000075 kg to mg
10. Convert 36 800 mg to g

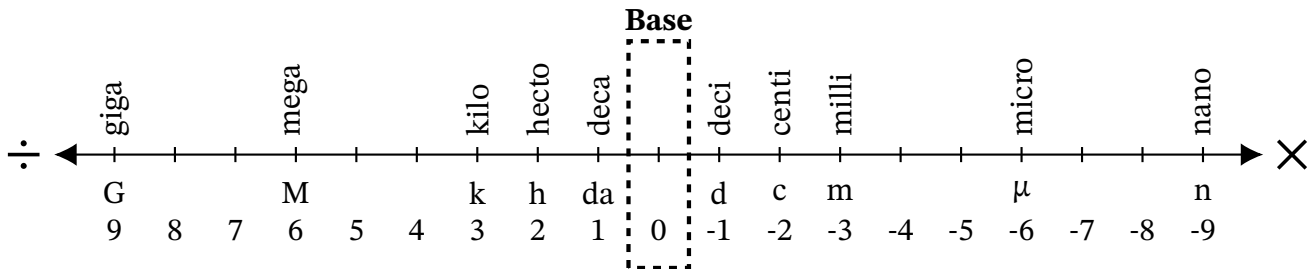
Converting Between kg, g and mg (E) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 0.01374 g to mg

$$0.01374 \text{ g} \times 10 \times 10 \times 10 = 13.74 \text{ mg}$$

2. Convert 0.9554 g to mg

$$0.9554 \text{ g} \times 10 \times 10 \times 10 = 955.4 \text{ mg}$$

3. Convert 525 000 g to kg

$$525 \text{ 000 g} \div 10 \div 10 \div 10 = 525 \text{ kg}$$

4. Convert 0.0000025 kg to mg

$$0.0000025 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 2.5 \text{ mg}$$

5. Convert 4 280 000 mg to kg

$$4 \text{ 280 000 mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 4.28 \text{ kg}$$

6. Convert 9300 g to kg

$$9300 \text{ g} \div 10 \div 10 \div 10 = 9.3 \text{ kg}$$

7. Convert 1 800 000 g to kg

$$1 \text{ 800 000 g} \div 10 \div 10 \div 10 = 1800 \text{ kg}$$

8. Convert 4.69 g to mg

$$4.69 \text{ g} \times 10 \times 10 \times 10 = 4690 \text{ mg}$$

9. Convert 0.00000075 kg to mg

$$0.00000075 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 0.75 \text{ mg}$$

10. Convert 36 800 mg to g

$$36 \text{ 800 mg} \div 10 \div 10 \div 10 = 36.8 \text{ g}$$

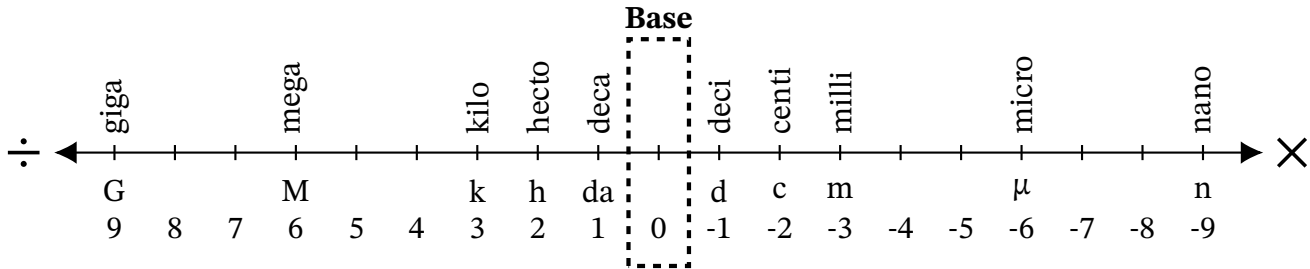
Converting Between kg, g and mg (F)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 0.00015 kg to mg
2. Convert 1.718 g to mg
3. Convert 866 100 000 g to kg
4. Convert 7 900 000 000 mg to kg
5. Convert 0.0000069 kg to mg
6. Convert 0.03441 kg to g
7. Convert 7800 mg to g
8. Convert 7.585 g to mg
9. Convert 6 930 000 mg to g
10. Convert 33 000 g to kg

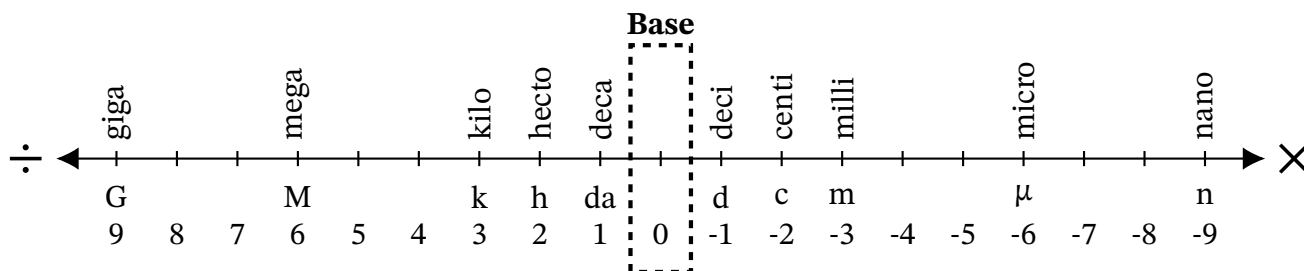
Converting Between kg, g and mg (F) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 0.00015 kg to mg

$$0.00015 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 150 \text{ mg}$$

2. Convert 1.718 g to mg

$$1.718 \text{ g} \times 10 \times 10 \times 10 = 1718 \text{ mg}$$

3. Convert 866 100 000 g to kg

$$866 \text{ 100 000 g} \div 10 \div 10 \div 10 = 866 \text{ 100 kg}$$

4. Convert 7 900 000 000 mg to kg

$$7 \text{ 900 000 000 mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 7900 \text{ kg}$$

5. Convert 0.0000069 kg to mg

$$0.0000069 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 6.9 \text{ mg}$$

6. Convert 0.03441 kg to g

$$0.03441 \text{ kg} \times 10 \times 10 \times 10 = 34.41 \text{ g}$$

7. Convert 7800 mg to g

$$7800 \text{ mg} \div 10 \div 10 \div 10 = 7.8 \text{ g}$$

8. Convert 7.585 g to mg

$$7.585 \text{ g} \times 10 \times 10 \times 10 = 7585 \text{ mg}$$

9. Convert 6 930 000 mg to g

$$6 \text{ 930 000 mg} \div 10 \div 10 \div 10 = 6930 \text{ g}$$

10. Convert 33 000 g to kg

$$33 \text{ 000 g} \div 10 \div 10 \div 10 = 33 \text{ kg}$$

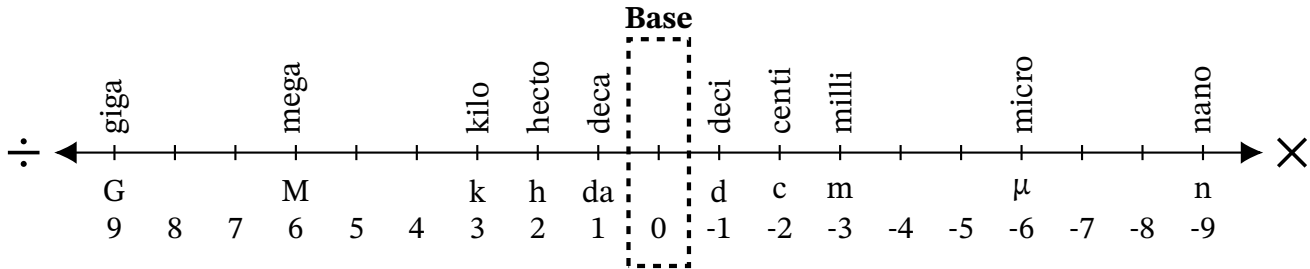
Converting Between kg, g and mg (G)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 8 030 000 g to kg
2. Convert 0.00024 kg to g
3. Convert 696 000 000 mg to kg
4. Convert 35 000 g to kg
5. Convert 6.05 g to mg
6. Convert 0.4953 kg to mg
7. Convert 2 597 000 mg to g
8. Convert 0.076 g to mg
9. Convert 0.0082 kg to mg
10. Convert 60 600 000 mg to g

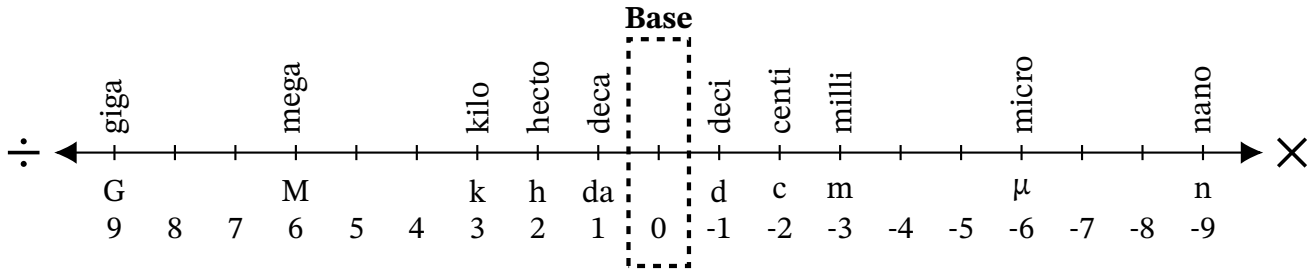
Converting Between kg, g and mg (G) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 8 030 000 g to kg

$$8\ 030\ 000\ \text{g} \div 10 \div 10 \div 10 = 8030\ \text{kg}$$

2. Convert 0.00024 kg to g

$$0.00024\ \text{kg} \times 10 \times 10 \times 10 = 0.24\ \text{g}$$

3. Convert 696 000 000 mg to kg

$$696\ 000\ 000\ \text{mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 696\ \text{kg}$$

4. Convert 35 000 g to kg

$$35\ 000\ \text{g} \div 10 \div 10 \div 10 = 35\ \text{kg}$$

5. Convert 6.05 g to mg

$$6.05\ \text{g} \times 10 \times 10 \times 10 = 6050\ \text{mg}$$

6. Convert 0.4953 kg to mg

$$0.4953\ \text{kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 495\ 300\ \text{mg}$$

7. Convert 2 597 000 mg to g

$$2\ 597\ 000\ \text{mg} \div 10 \div 10 \div 10 = 2597\ \text{g}$$

8. Convert 0.076 g to mg

$$0.076\ \text{g} \times 10 \times 10 \times 10 = 76\ \text{mg}$$

9. Convert 0.0082 kg to mg

$$0.0082\ \text{kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 8200\ \text{mg}$$

10. Convert 60 600 000 mg to g

$$60\ 600\ 000\ \text{mg} \div 10 \div 10 \div 10 = 60\ 600\ \text{g}$$

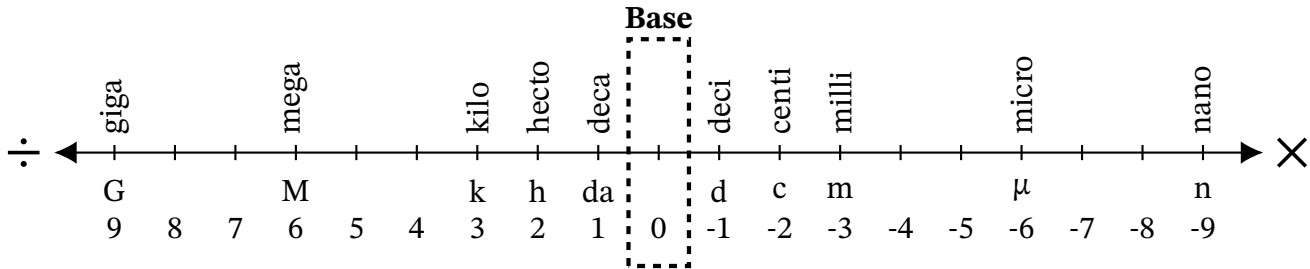
Converting Between kg, g and mg (H)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 0.059 g to mg
2. Convert 0.05443 kg to mg
3. Convert 0.0035 kg to mg
4. Convert 78 000 g to kg
5. Convert 56.62 g to mg
6. Convert 46 780 000 mg to kg
7. Convert 0.1245 kg to g
8. Convert 151 400 mg to g
9. Convert 3 212 000 mg to g
10. Convert 96 420 g to kg

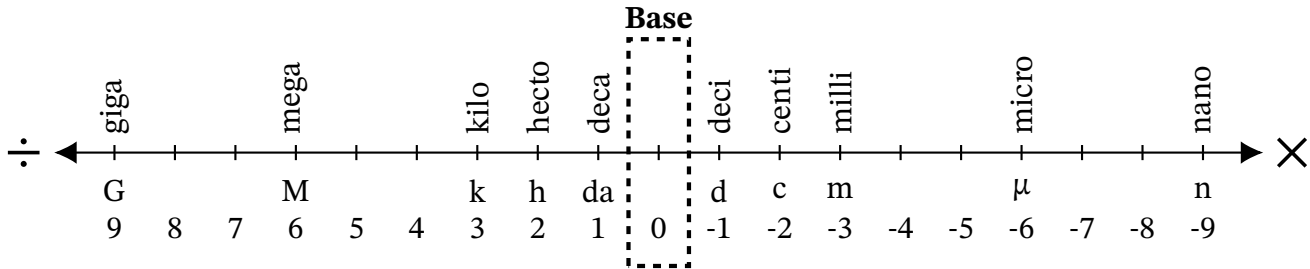
Converting Between kg, g and mg (H) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 0.059 g to mg

$$0.059 \text{ g} \times 10 \times 10 \times 10 = 59 \text{ mg}$$

2. Convert 0.05443 kg to mg

$$0.05443 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 54\,430 \text{ mg}$$

3. Convert 0.0035 kg to mg

$$0.0035 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 3500 \text{ mg}$$

4. Convert 78 000 g to kg

$$78\,000 \text{ g} \div 10 \div 10 \div 10 = 78 \text{ kg}$$

5. Convert 56.62 g to mg

$$56.62 \text{ g} \times 10 \times 10 \times 10 = 56\,620 \text{ mg}$$

6. Convert 46 780 000 mg to kg

$$46\,780\,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 46.78 \text{ kg}$$

7. Convert 0.1245 kg to g

$$0.1245 \text{ kg} \times 10 \times 10 \times 10 = 124.5 \text{ g}$$

8. Convert 151 400 mg to g

$$151\,400 \text{ mg} \div 10 \div 10 \div 10 = 151.4 \text{ g}$$

9. Convert 3 212 000 mg to g

$$3\,212\,000 \text{ mg} \div 10 \div 10 \div 10 = 3212 \text{ g}$$

10. Convert 96 420 g to kg

$$96\,420 \text{ g} \div 10 \div 10 \div 10 = 96.42 \text{ kg}$$

Converting Between kg, g and mg (I)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 5500 mg to g
2. Convert 93 200 000 mg to g
3. Convert 0.0062 kg to mg
4. Convert 0.3358 kg to mg
5. Convert 2 800 000 mg to kg
6. Convert 557 500 g to kg
7. Convert 0.369 kg to g
8. Convert 0.9218 g to mg
9. Convert 101 500 g to kg
10. Convert 9.99 g to mg

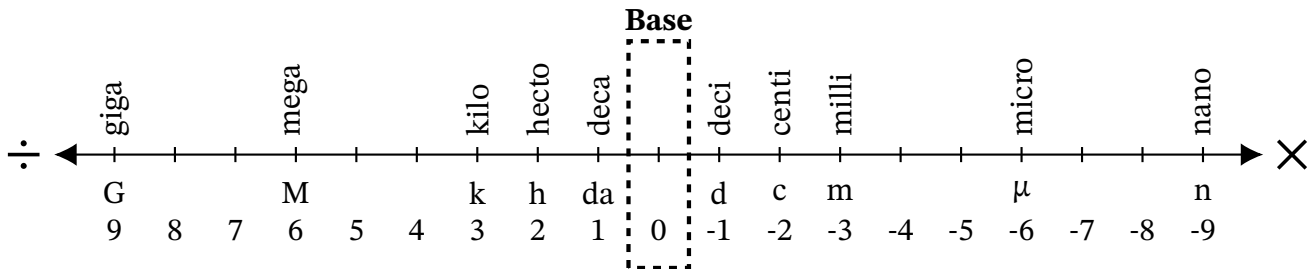
Converting Between kg, g and mg (I) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 5500 mg to g

$$5500 \text{ mg} \div 10 \div 10 \div 10 = 5.5 \text{ g}$$

2. Convert 93 200 000 mg to g

$$93\ 200\ 000 \text{ mg} \div 10 \div 10 \div 10 = 93\ 200 \text{ g}$$

3. Convert 0.0062 kg to mg

$$0.0062 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 6200 \text{ mg}$$

4. Convert 0.3358 kg to mg

$$0.3358 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 335\ 800 \text{ mg}$$

5. Convert 2 800 000 mg to kg

$$2\ 800\ 000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 2.8 \text{ kg}$$

6. Convert 557 500 g to kg

$$557\ 500 \text{ g} \div 10 \div 10 \div 10 = 557.5 \text{ kg}$$

7. Convert 0.369 kg to g

$$0.369 \text{ kg} \times 10 \times 10 \times 10 = 369 \text{ g}$$

8. Convert 0.9218 g to mg

$$0.9218 \text{ g} \times 10 \times 10 \times 10 = 921.8 \text{ mg}$$

9. Convert 101 500 g to kg

$$101\ 500 \text{ g} \div 10 \div 10 \div 10 = 101.5 \text{ kg}$$

10. Convert 9.99 g to mg

$$9.99 \text{ g} \times 10 \times 10 \times 10 = 9990 \text{ mg}$$

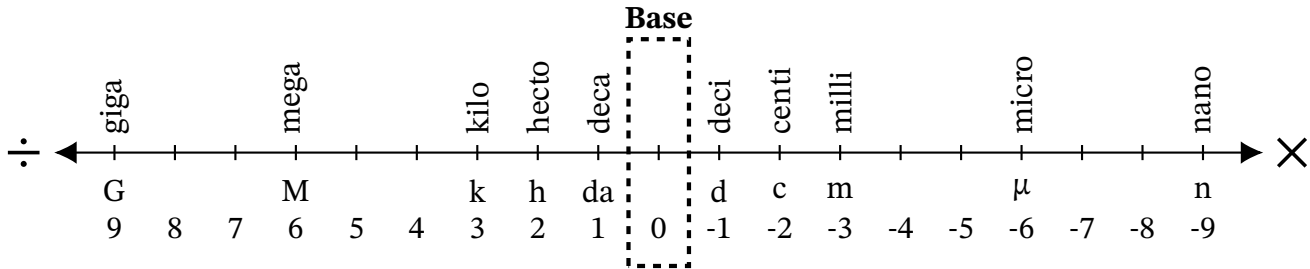
Converting Between kg, g and mg (J)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 1 200 000 g to kg
2. Convert 87 100 000 g to kg
3. Convert 0.0088 kg to mg
4. Convert 967 700 000 mg to g
5. Convert 0.02623 g to mg
6. Convert 66 660 000 mg to kg
7. Convert 0.00283 kg to g
8. Convert 720 000 mg to g
9. Convert 0.0000893 kg to mg
10. Convert 10.7 g to mg

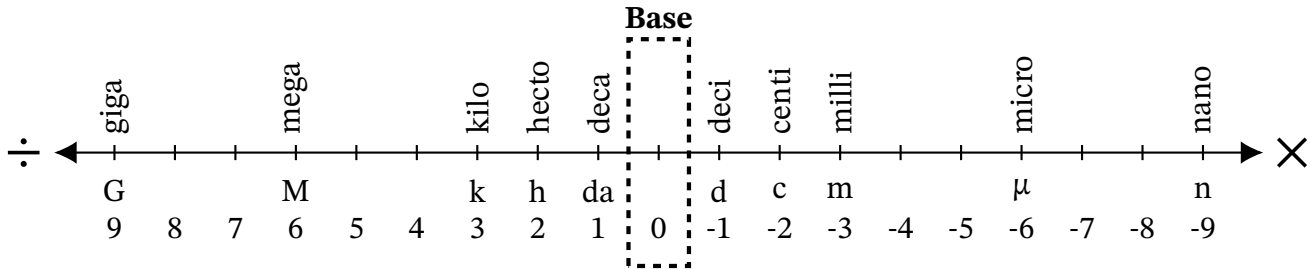
Converting Between kg, g and mg (J) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 1 200 000 g to kg
 $1\ 200\ 000\ \text{g} \div 10 \div 10 \div 10 = 1200\ \text{kg}$
2. Convert 87 100 000 g to kg
 $87\ 100\ 000\ \text{g} \div 10 \div 10 \div 10 = 87\ 100\ \text{kg}$
3. Convert 0.0088 kg to mg
 $0.0088\ \text{kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 8800\ \text{mg}$
4. Convert 967 700 000 mg to g
 $967\ 700\ 000\ \text{mg} \div 10 \div 10 \div 10 = 967\ 700\ \text{g}$
5. Convert 0.02623 g to mg
 $0.02623\ \text{g} \times 10 \times 10 \times 10 = 26.23\ \text{mg}$
6. Convert 66 660 000 mg to kg
 $66\ 660\ 000\ \text{mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 66.66\ \text{kg}$
7. Convert 0.00283 kg to g
 $0.00283\ \text{kg} \times 10 \times 10 \times 10 = 2.83\ \text{g}$
8. Convert 720 000 mg to g
 $720\ 000\ \text{mg} \div 10 \div 10 \div 10 = 720\ \text{g}$
9. Convert 0.0000893 kg to mg
 $0.0000893\ \text{kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 89.3\ \text{mg}$
10. Convert 10.7 g to mg
 $10.7\ \text{g} \times 10 \times 10 \times 10 = 10\ 700\ \text{mg}$