

# Converting Common Metric Units (A)

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

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

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

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



1. Convert 741 000 mg to g
2. Convert 0.0354 L to mL
3. Convert 191 300 cm to m
4. Convert 69 040 mm to cm
5. Convert 0.0808 g to mg
6. Convert 150 m to km
7. Convert 0.07991 km to m
8. Convert 66 500 g to kg
9. Convert 0.0652 m to cm
10. Convert 785 cm to mm

# Converting Common Metric Units (A) Answers

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

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

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

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



1. Convert 741 000 mg to g

$$741\ 000\ \text{mg} \div 10 \div 10 \div 10 = 741\ \text{g}$$

2. Convert 0.0354 L to mL

$$0.0354\ \text{L} \times 10 \times 10 \times 10 = 35.4\ \text{mL}$$

3. Convert 191 300 cm to m

$$191\ 300\ \text{cm} \div 10 \div 10 = 1913\ \text{m}$$

4. Convert 69 040 mm to cm

$$69\ 040\ \text{mm} \div 10 = 6904\ \text{cm}$$

5. Convert 0.0808 g to mg

$$0.0808\ \text{g} \times 10 \times 10 \times 10 = 80.8\ \text{mg}$$

6. Convert 150 m to km

$$150\ \text{m} \div 10 \div 10 \div 10 = 0.15\ \text{km}$$

7. Convert 0.07991 km to m

$$0.07991\ \text{km} \times 10 \times 10 \times 10 = 79.91\ \text{m}$$

8. Convert 66 500 g to kg

$$66\ 500\ \text{g} \div 10 \div 10 \div 10 = 66.5\ \text{kg}$$

9. Convert 0.0652 m to cm

$$0.0652\ \text{m} \times 10 \times 10 = 6.52\ \text{cm}$$

10. Convert 785 cm to mm

$$785\ \text{cm} \times 10 = 7850\ \text{mm}$$

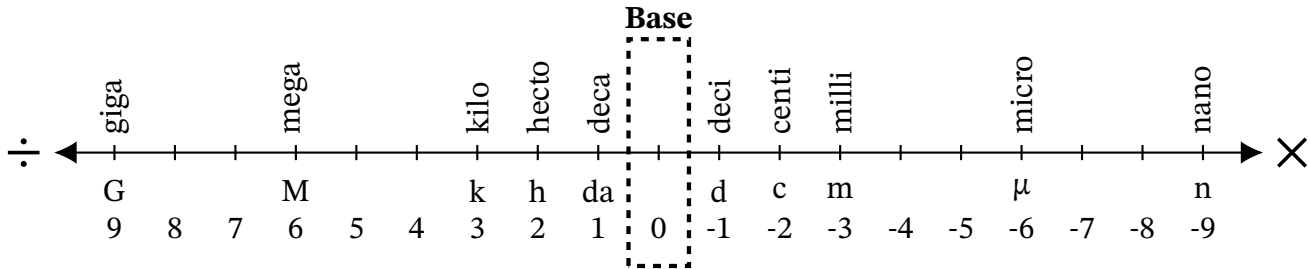
# Converting Common Metric Units (B)

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

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

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

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



1. Convert 0.02085 g to mg
2. Convert 23 520 mL to L
3. Convert 885 600 m to km
4. Convert 89 020 g to kg
5. Convert 17.8 m to cm
6. Convert 29 660 mm to cm
7. Convert 5380 cm to m
8. Convert 7.6 km to m
9. Convert 4.112 cm to mm
10. Convert 0.0042 g to mg

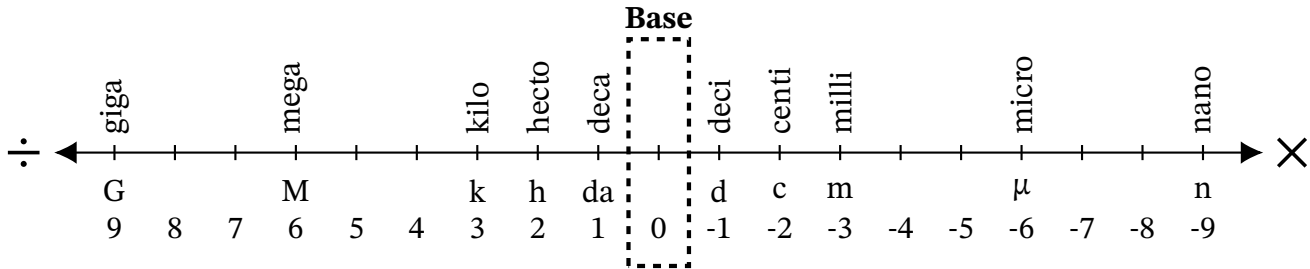
# Converting Common Metric Units (B) Answers

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

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

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

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



1. Convert 0.02085 g to mg

$$0.02085 \text{ g} \times 10 \times 10 \times 10 = 20.85 \text{ mg}$$

2. Convert 23 520 mL to L

$$23\ 520 \text{ mL} \div 10 \div 10 \div 10 = 23.52 \text{ L}$$

3. Convert 885 600 m to km

$$885\ 600 \text{ m} \div 10 \div 10 \div 10 = 885.6 \text{ km}$$

4. Convert 89 020 g to kg

$$89\ 020 \text{ g} \div 10 \div 10 \div 10 = 89.02 \text{ kg}$$

5. Convert 17.8 m to cm

$$17.8 \text{ m} \times 10 \times 10 = 1780 \text{ cm}$$

6. Convert 29 660 mm to cm

$$29\ 660 \text{ mm} \div 10 = 2966 \text{ cm}$$

7. Convert 5380 cm to m

$$5380 \text{ cm} \div 10 \div 10 = 53.8 \text{ m}$$

8. Convert 7.6 km to m

$$7.6 \text{ km} \times 10 \times 10 \times 10 = 7600 \text{ m}$$

9. Convert 4.112 cm to mm

$$4.112 \text{ cm} \times 10 = 41.12 \text{ mm}$$

10. Convert 0.0042 g to mg

$$0.0042 \text{ g} \times 10 \times 10 \times 10 = 4.2 \text{ mg}$$

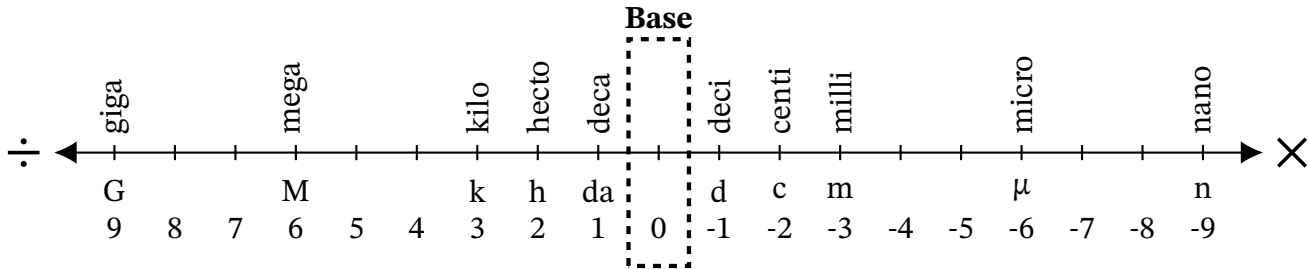
# Converting Common Metric Units (C)

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

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

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

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



1. Convert 9.55 cm to mm
2. Convert 2.772 cm to mm
3. Convert 2.8 g to mg
4. Convert 594 000 cm to m
5. Convert 2800 cm to m
6. Convert 0.00084 L to mL
7. Convert 46 300 000 m to km
8. Convert 22 000 mg to g
9. Convert 0.00765 kg to g
10. Convert 4300 m to km

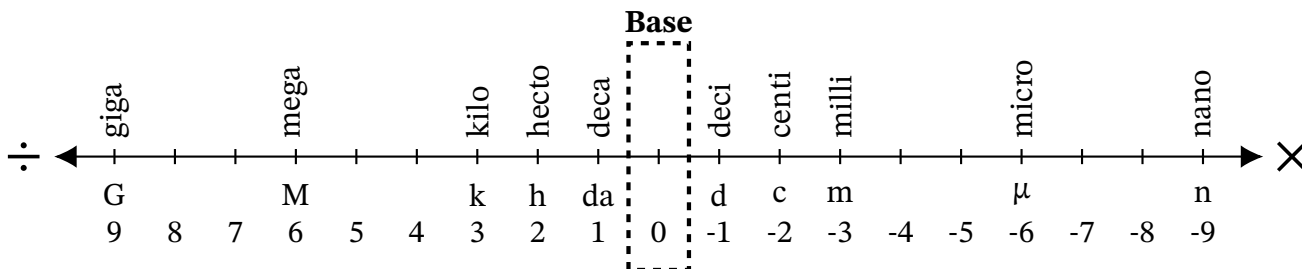
# Converting Common Metric Units (C) Answers

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

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

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

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



1. Convert 9.55 cm to mm  
 $9.55 \text{ cm} \times 10 = 95.5 \text{ mm}$
2. Convert 2.772 cm to mm  
 $2.772 \text{ cm} \times 10 = 27.72 \text{ mm}$
3. Convert 2.8 g to mg  
 $2.8 \text{ g} \times 10 \times 10 \times 10 = 2800 \text{ mg}$
4. Convert 594 000 cm to m  
 $594 \text{ 000 cm} \div 10 \div 10 = 5940 \text{ m}$
5. Convert 2800 cm to m  
 $2800 \text{ cm} \div 10 \div 10 = 28 \text{ m}$
6. Convert 0.00084 L to mL  
 $0.00084 \text{ L} \times 10 \times 10 \times 10 = 0.84 \text{ mL}$
7. Convert 46 300 000 m to km  
 $46 \text{ 300 000 m} \div 10 \div 10 \div 10 = 46 \text{ 300 km}$
8. Convert 22 000 mg to g  
 $22 \text{ 000 mg} \div 10 \div 10 \div 10 = 22 \text{ g}$
9. Convert 0.00765 kg to g  
 $0.00765 \text{ kg} \times 10 \times 10 \times 10 = 7.65 \text{ g}$
10. Convert 4300 m to km  
 $4300 \text{ m} \div 10 \div 10 \div 10 = 4.3 \text{ km}$

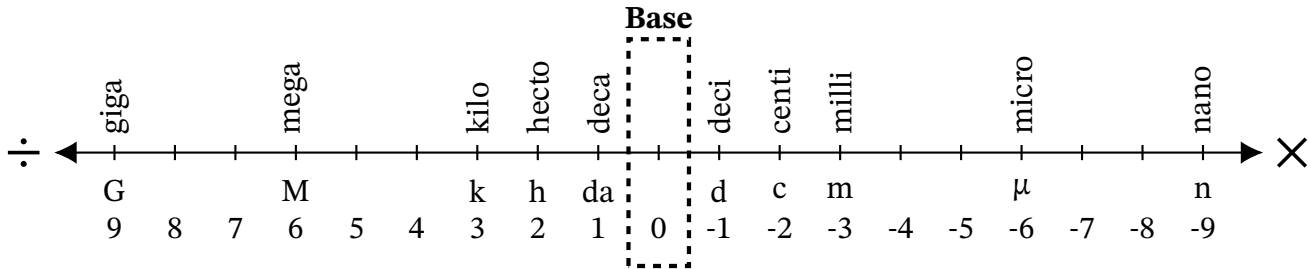
# Converting Common Metric Units (D)

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

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

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

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



1. Convert 51 m to cm
2. Convert 4203 cm to mm
3. Convert 0.00905 g to mg
4. Convert 91 900 000 m to km
5. Convert 3300 mm to cm
6. Convert 68 450 000 m to km
7. Convert 93 790 cm to m
8. Convert 0.0204 kg to g
9. Convert 5210 mL to L
10. Convert 79.17 g to mg

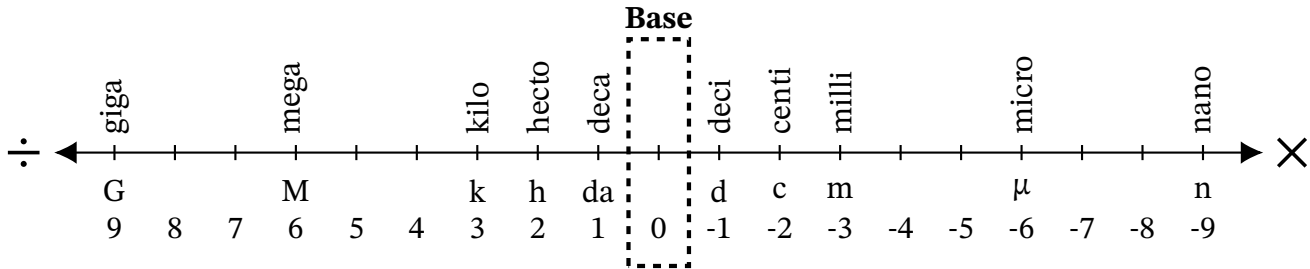
# Converting Common Metric Units (D) Answers

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

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

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

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



1. Convert 51 m to cm

$$51 \text{ m} \times 10 \times 10 = 5100 \text{ cm}$$

2. Convert 4203 cm to mm

$$4203 \text{ cm} \times 10 = 42\,030 \text{ mm}$$

3. Convert 0.00905 g to mg

$$0.00905 \text{ g} \times 10 \times 10 \times 10 = 9.05 \text{ mg}$$

4. Convert 91 900 000 m to km

$$91\,900\,000 \text{ m} \div 10 \div 10 \div 10 = 91\,900 \text{ km}$$

5. Convert 3300 mm to cm

$$3300 \text{ mm} \div 10 = 330 \text{ cm}$$

6. Convert 68 450 000 m to km

$$68\,450\,000 \text{ m} \div 10 \div 10 \div 10 = 68\,450 \text{ km}$$

7. Convert 93 790 cm to m

$$93\,790 \text{ cm} \div 10 \div 10 = 937.9 \text{ m}$$

8. Convert 0.0204 kg to g

$$0.0204 \text{ kg} \times 10 \times 10 \times 10 = 20.4 \text{ g}$$

9. Convert 5210 mL to L

$$5210 \text{ mL} \div 10 \div 10 \div 10 = 5.21 \text{ L}$$

10. Convert 79.17 g to mg

$$79.17 \text{ g} \times 10 \times 10 \times 10 = 79\,170 \text{ mg}$$



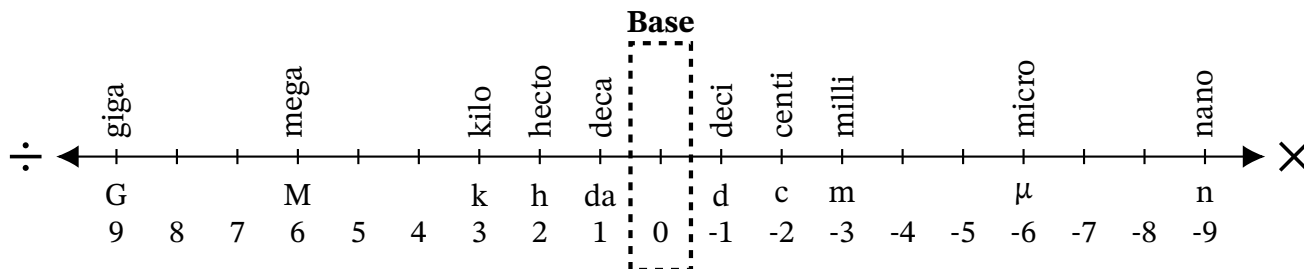
# Converting Common Metric Units (E)

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

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

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

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



1. Convert 223 200 cm to m
2. Convert 77 100 mL to L
3. Convert 70.6 g to mg
4. Convert 87 920 cm to mm
5. Convert 0.425 m to cm
6. Convert 164 900 m to km
7. Convert 9.757 km to m
8. Convert 0.72 g to mg
9. Convert 28 730 g to kg
10. Convert 32.8 mm to cm

# Converting Common Metric Units (E) Answers

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

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

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

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



1. Convert 223 200 cm to m

$$223\,200\text{ cm} \div 10 \div 10 = 2232\text{ m}$$

2. Convert 77 100 mL to L

$$77\,100\text{ mL} \div 10 \div 10 \div 10 = 77.1\text{ L}$$

3. Convert 70.6 g to mg

$$70.6\text{ g} \times 10 \times 10 \times 10 = 70\,600\text{ mg}$$

4. Convert 87 920 cm to mm

$$87\,920\text{ cm} \times 10 = 879\,200\text{ mm}$$

5. Convert 0.425 m to cm

$$0.425\text{ m} \times 10 \times 10 = 42.5\text{ cm}$$

6. Convert 164 900 m to km

$$164\,900\text{ m} \div 10 \div 10 \div 10 = 164.9\text{ km}$$

7. Convert 9.757 km to m

$$9.757\text{ km} \times 10 \times 10 \times 10 = 9757\text{ m}$$

8. Convert 0.72 g to mg

$$0.72\text{ g} \times 10 \times 10 \times 10 = 720\text{ mg}$$

9. Convert 28 730 g to kg

$$28\,730\text{ g} \div 10 \div 10 \div 10 = 28.73\text{ kg}$$

10. Convert 32.8 mm to cm

$$32.8\text{ mm} \div 10 = 3.28\text{ cm}$$

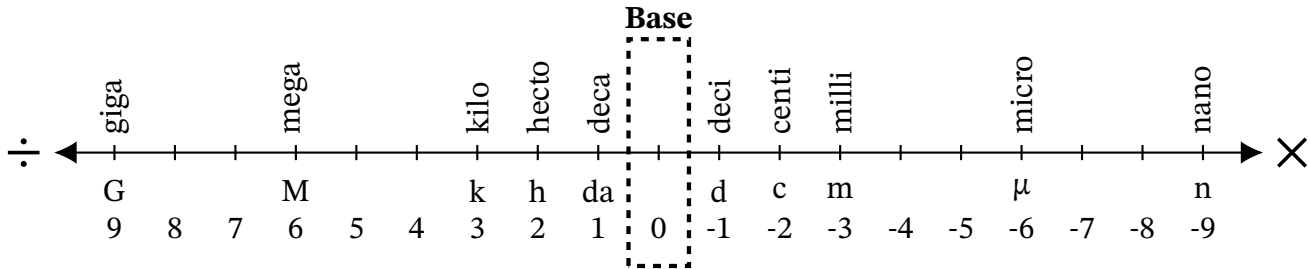
# Converting Common Metric Units (F)

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

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

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

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



1. Convert 191 100 cm to m
2. Convert 73 800 mg to g
3. Convert 0.965 km to m
4. Convert 0.131 cm to mm
5. Convert 7.9 L to mL
6. Convert 6 810 000 cm to m
7. Convert 75 690 cm to mm
8. Convert 504 000 m to km
9. Convert 30 730 000 mg to g
10. Convert 2.139 kg to g

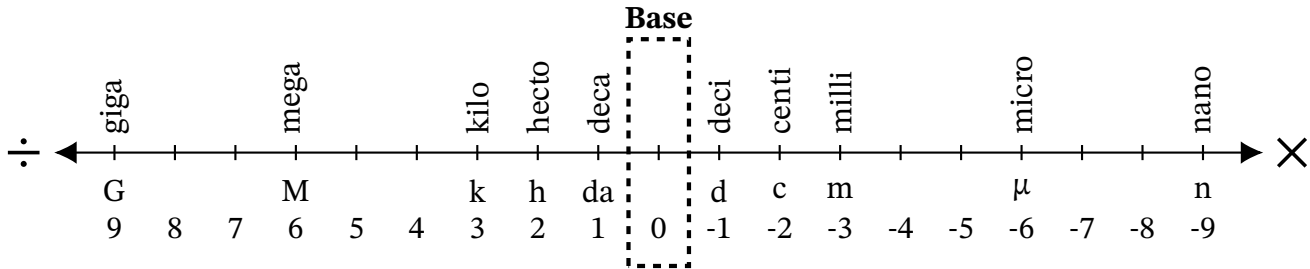
# Converting Common Metric Units (F) Answers

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

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

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

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



1. Convert 191 100 cm to m

$$191\ 100\ \text{cm} \div 10 \div 10 = 1911\ \text{m}$$

2. Convert 73 800 mg to g

$$73\ 800\ \text{mg} \div 10 \div 10 \div 10 = 73.8\ \text{g}$$

3. Convert 0.965 km to m

$$0.965\ \text{km} \times 10 \times 10 \times 10 = 965\ \text{m}$$

4. Convert 0.131 cm to mm

$$0.131\ \text{cm} \times 10 = 1.31\ \text{mm}$$

5. Convert 7.9 L to mL

$$7.9\ \text{L} \times 10 \times 10 \times 10 = 7900\ \text{mL}$$

6. Convert 6 810 000 cm to m

$$6\ 810\ 000\ \text{cm} \div 10 \div 10 = 68\ 100\ \text{m}$$

7. Convert 75 690 cm to mm

$$75\ 690\ \text{cm} \times 10 = 756\ 900\ \text{mm}$$

8. Convert 504 000 m to km

$$504\ 000\ \text{m} \div 10 \div 10 \div 10 = 504\ \text{km}$$

9. Convert 30 730 000 mg to g

$$30\ 730\ 000\ \text{mg} \div 10 \div 10 \div 10 = 30\ 730\ \text{g}$$

10. Convert 2.139 kg to g

$$2.139\ \text{kg} \times 10 \times 10 \times 10 = 2139\ \text{g}$$

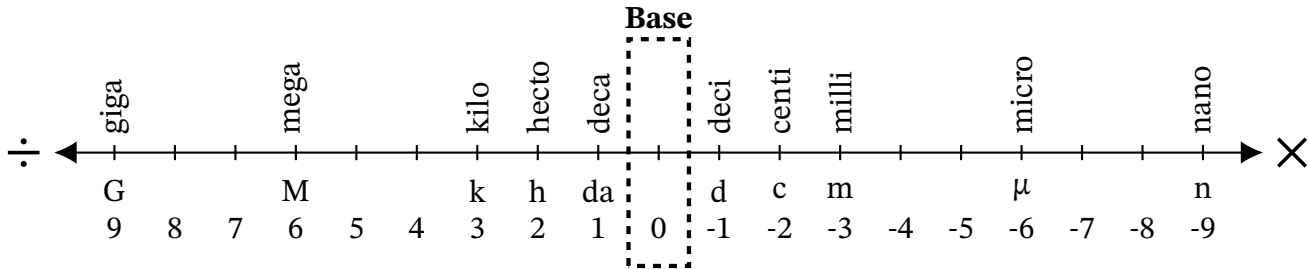
# Converting Common Metric Units (G)

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

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

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

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



1. Convert 5.148 g to mg
2. Convert 0.07249 km to m
3. Convert 719 cm to m
4. Convert 583 800 mg to g
5. Convert 6 433 000 cm to m
6. Convert 8.9 L to mL
7. Convert 4.8 km to m
8. Convert 773 800 mm to cm
9. Convert 0.0615 kg to g
10. Convert 6830 mm to cm

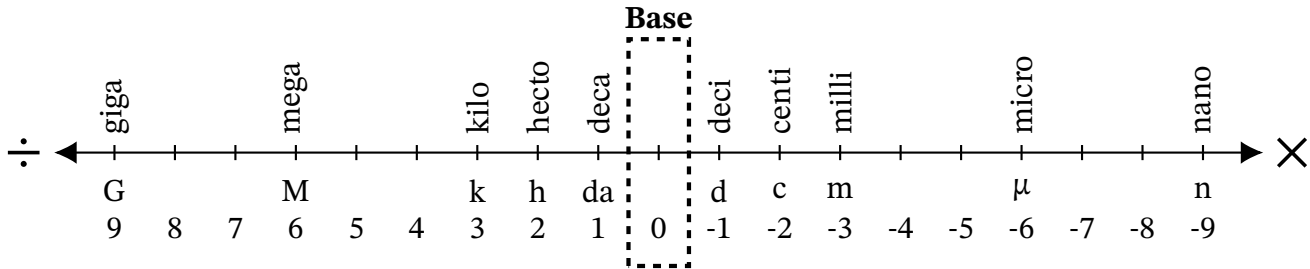
# Converting Common Metric Units (G) Answers

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

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

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

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



1. Convert 5.148 g to mg  
 $5.148 \text{ g} \times 10 \times 10 \times 10 = 5148 \text{ mg}$
2. Convert 0.07249 km to m  
 $0.07249 \text{ km} \times 10 \times 10 \times 10 = 72.49 \text{ m}$
3. Convert 719 cm to m  
 $719 \text{ cm} \div 10 \div 10 = 7.19 \text{ m}$
4. Convert 583 800 mg to g  
 $583 \text{ 800 mg} \div 10 \div 10 \div 10 = 583.8 \text{ g}$
5. Convert 6 433 000 cm to m  
 $6 \text{ 433 000 cm} \div 10 \div 10 = 64 \text{ 330 m}$
6. Convert 8.9 L to mL  
 $8.9 \text{ L} \times 10 \times 10 \times 10 = 8900 \text{ mL}$
7. Convert 4.8 km to m  
 $4.8 \text{ km} \times 10 \times 10 \times 10 = 4800 \text{ m}$
8. Convert 773 800 mm to cm  
 $773 \text{ 800 mm} \div 10 = 77 \text{ 380 cm}$
9. Convert 0.0615 kg to g  
 $0.0615 \text{ kg} \times 10 \times 10 \times 10 = 61.5 \text{ g}$
10. Convert 6830 mm to cm  
 $6830 \text{ mm} \div 10 = 683 \text{ cm}$

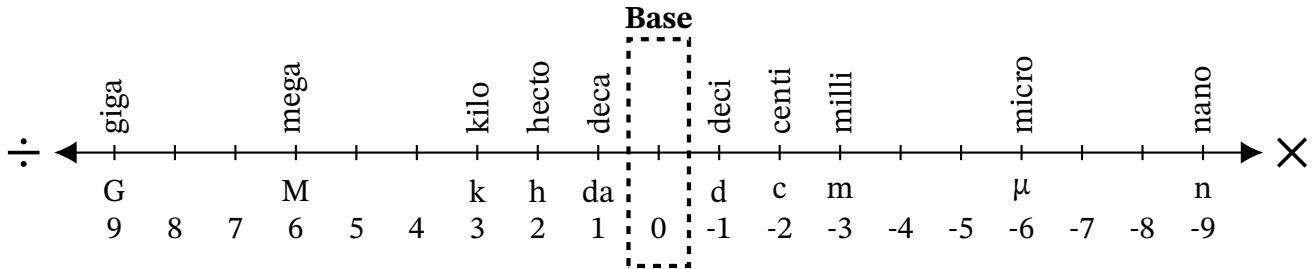
# Converting Common Metric Units (H)

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

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

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

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



1. Convert 272 cm to m
2. Convert 0.00031 kg to g
3. Convert 9.72 km to m
4. Convert 80.6 g to mg
5. Convert 854 000 m to km
6. Convert 54 000 mm to cm
7. Convert 89.11 m to cm
8. Convert 1 827 000 mg to g
9. Convert 0.1756 L to mL
10. Convert 339 mm to cm

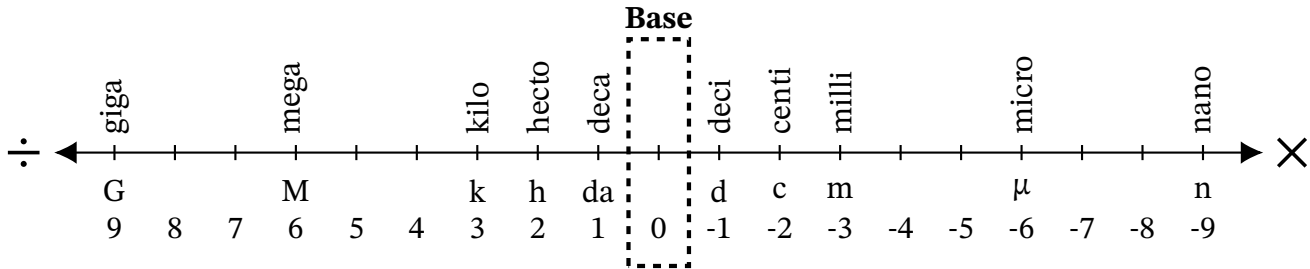
# Converting Common Metric Units (H) Answers

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

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

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

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



1. Convert 272 cm to m

$$272 \text{ cm} \div 10 \div 10 = 2.72 \text{ m}$$

2. Convert 0.00031 kg to g

$$0.00031 \text{ kg} \times 10 \times 10 \times 10 = 0.31 \text{ g}$$

3. Convert 9.72 km to m

$$9.72 \text{ km} \times 10 \times 10 \times 10 = 9720 \text{ m}$$

4. Convert 80.6 g to mg

$$80.6 \text{ g} \times 10 \times 10 \times 10 = 80\,600 \text{ mg}$$

5. Convert 854 000 m to km

$$854\,000 \text{ m} \div 10 \div 10 \div 10 = 854 \text{ km}$$

6. Convert 54 000 mm to cm

$$54\,000 \text{ mm} \div 10 = 5400 \text{ cm}$$

7. Convert 89.11 m to cm

$$89.11 \text{ m} \times 10 \times 10 = 8911 \text{ cm}$$

8. Convert 1 827 000 mg to g

$$1\,827\,000 \text{ mg} \div 10 \div 10 \div 10 = 1827 \text{ g}$$

9. Convert 0.1756 L to mL

$$0.1756 \text{ L} \times 10 \times 10 \times 10 = 175.6 \text{ mL}$$

10. Convert 339 mm to cm

$$339 \text{ mm} \div 10 = 33.9 \text{ cm}$$



# Converting Common Metric Units (I)

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

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

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

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



1. Convert 1.3 L to mL
2. Convert 310 000 mg to g
3. Convert 0.049 cm to mm
4. Convert 70.85 m to cm
5. Convert 8 400 000 m to km
6. Convert 72 mm to cm
7. Convert 7.2 m to cm
8. Convert 0.2473 km to m
9. Convert 750 000 g to kg
10. Convert 870 mg to g

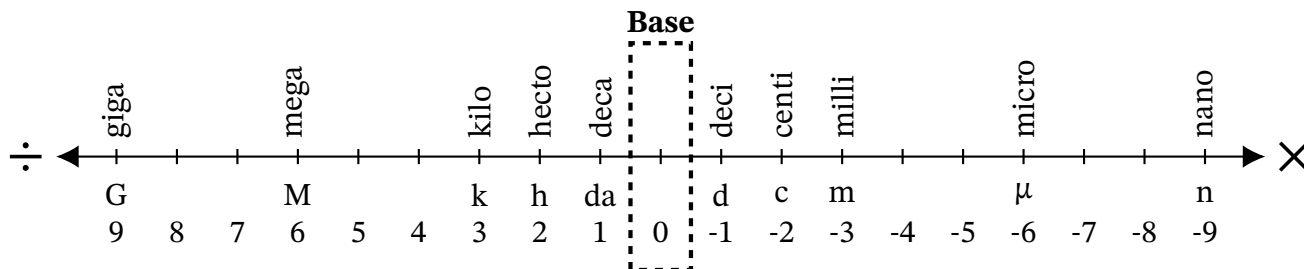
# Converting Common Metric Units (I) Answers

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

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

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

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



1. Convert 1.3 L to mL

$$1.3 \text{ L} \times 10 \times 10 \times 10 = 1300 \text{ mL}$$

2. Convert 310 000 mg to g

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

3. Convert 0.049 cm to mm

$$0.049 \text{ cm} \times 10 = 0.49 \text{ mm}$$

4. Convert 70.85 m to cm

$$70.85 \text{ m} \times 10 \times 10 = 7085 \text{ cm}$$

5. Convert 8 400 000 m to km

$$8\,400\,000 \text{ m} \div 10 \div 10 \div 10 = 8400 \text{ km}$$

6. Convert 72 mm to cm

$$72 \text{ mm} \div 10 = 7.2 \text{ cm}$$

7. Convert 7.2 m to cm

$$7.2 \text{ m} \times 10 \times 10 = 720 \text{ cm}$$

8. Convert 0.2473 km to m

$$0.2473 \text{ km} \times 10 \times 10 \times 10 = 247.3 \text{ m}$$

9. Convert 750 000 g to kg

$$750\,000 \text{ g} \div 10 \div 10 \div 10 = 750 \text{ kg}$$

10. Convert 870 mg to g

$$870 \text{ mg} \div 10 \div 10 \div 10 = 0.87 \text{ g}$$

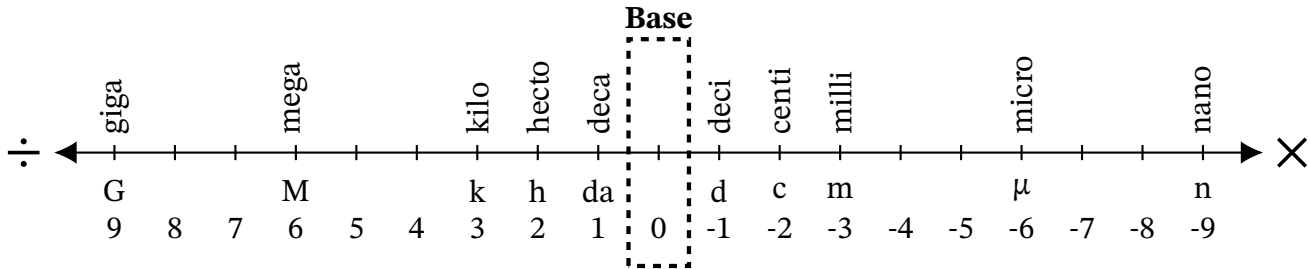
# Converting Common Metric Units (J)

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

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

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

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



1. Convert 344 600 g to kg
2. Convert 95 500 cm to m
3. Convert 1900 m to km
4. Convert 2.525 g to mg
5. Convert 513.4 km to m
6. Convert 7.1 cm to mm
7. Convert 0.00041 L to mL
8. Convert 140 mg to g
9. Convert 9 210 000 cm to m
10. Convert 64.4 cm to mm

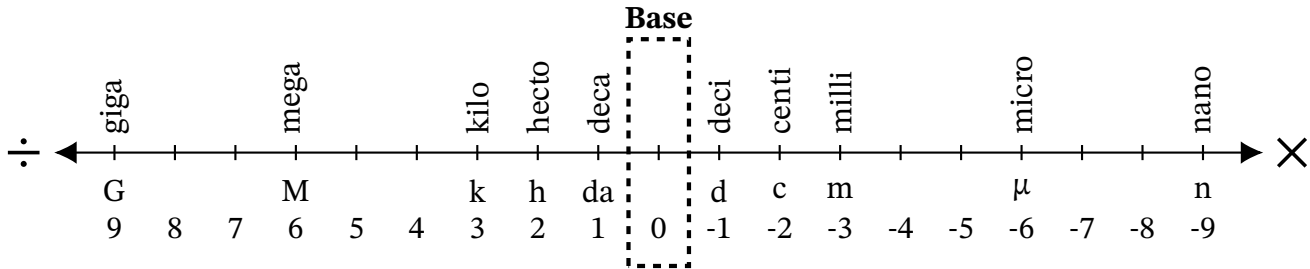
# Converting Common Metric Units (J) Answers

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

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

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

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



1. Convert 344 600 g to kg  
 $344\ 600\text{ g} \div 10 \div 10 \div 10 = 344.6\text{ kg}$
2. Convert 95 500 cm to m  
 $95\ 500\text{ cm} \div 10 \div 10 = 955\text{ m}$
3. Convert 1900 m to km  
 $1900\text{ m} \div 10 \div 10 \div 10 = 1.9\text{ km}$
4. Convert 2.525 g to mg  
 $2.525\text{ g} \times 10 \times 10 \times 10 = 2525\text{ mg}$
5. Convert 513.4 km to m  
 $513.4\text{ km} \times 10 \times 10 \times 10 = 513\ 400\text{ m}$
6. Convert 7.1 cm to mm  
 $7.1\text{ cm} \times 10 = 71\text{ mm}$
7. Convert 0.00041 L to mL  
 $0.00041\text{ L} \times 10 \times 10 \times 10 = 0.41\text{ mL}$
8. Convert 140 mg to g  
 $140\text{ mg} \div 10 \div 10 \div 10 = 0.14\text{ g}$
9. Convert 9 210 000 cm to m  
 $9\ 210\ 000\text{ cm} \div 10 \div 10 = 92\ 100\text{ m}$
10. Convert 64.4 cm to mm  
 $64.4\text{ cm} \times 10 = 644\text{ mm}$