

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

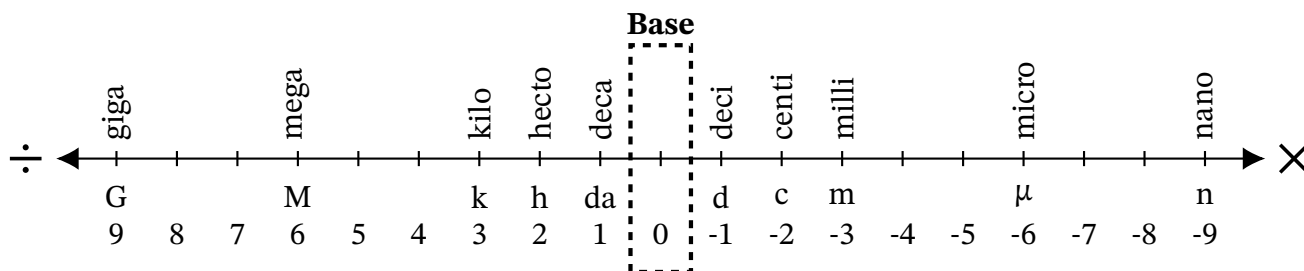
Converting Between kg, g and mg (C) Answers

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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

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