

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

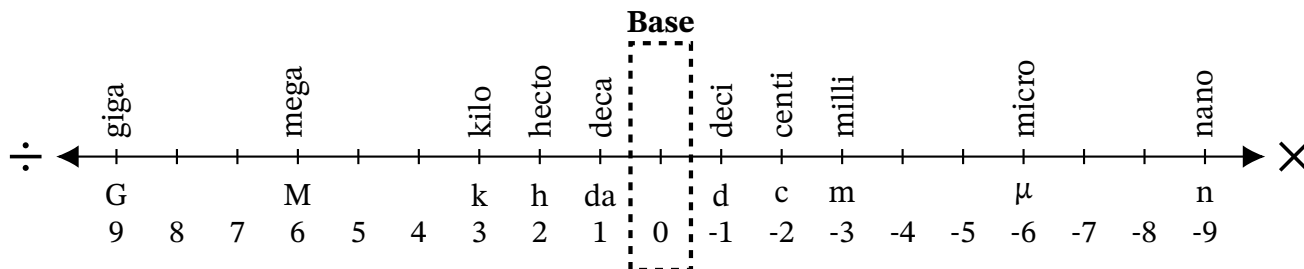
Converting Between kg, g and mg (F) Answers

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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

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