

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

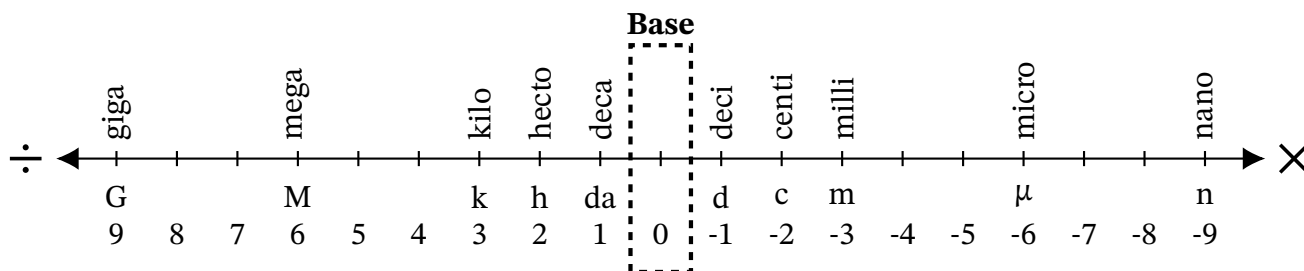
Converting Between mg, g and kg (G) Answers

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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

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