

Converting Between mg, g and kg (A)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 21.52 g to mg
2. Convert 62,100,000 mg to kg
3. Convert 0.64 kg to g
4. Convert 710,000 mg to g
5. Convert 0.0000196 kg to mg
6. Convert 960,000 mg to g
7. Convert 87,220 g to kg
8. Convert 1,410,000 mg to g
9. Convert 0.00009139 kg to mg
10. Convert 0.02257 kg to g

Converting Between mg, g and kg (A) Answers

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



1. Convert 21.52 g to mg

$$21.52 \text{ g} \times 10 \times 10 \times 10 = 21,520 \text{ mg}$$

2. Convert 62,100,000 mg to kg

$$62,100,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 62.1 \text{ kg}$$

3. Convert 0.64 kg to g

$$0.64 \text{ kg} \times 10 \times 10 \times 10 = 640 \text{ g}$$

4. Convert 710,000 mg to g

$$710,000 \text{ mg} \div 10 \div 10 \div 10 = 710 \text{ g}$$

5. Convert 0.0000196 kg to mg

$$0.0000196 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 19.6 \text{ mg}$$

6. Convert 960,000 mg to g

$$960,000 \text{ mg} \div 10 \div 10 \div 10 = 960 \text{ g}$$

7. Convert 87,220 g to kg

$$87,220 \text{ g} \div 10 \div 10 \div 10 = 87.22 \text{ kg}$$

8. Convert 1,410,000 mg to g

$$1,410,000 \text{ mg} \div 10 \div 10 \div 10 = 1410 \text{ g}$$

9. Convert 0.00009139 kg to mg

$$0.00009139 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 91.39 \text{ mg}$$

10. Convert 0.02257 kg to g

$$0.02257 \text{ kg} \times 10 \times 10 \times 10 = 22.57 \text{ g}$$