

# Converting Between mg, g and kg (I)

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

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

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

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



1. Convert 680 g to kg
2. Convert 0.0038 g to mg
3. Convert 660,000,000 mg to kg
4. Convert 4,810,000 mg to kg
5. Convert 498.6 g to mg
6. Convert 2950 mg to g
7. Convert 699.2 g to mg
8. Convert 0.01535 kg to g
9. Convert 6.78 kg to g
10. Convert 62,770,000,000 mg to kg

# Converting Between mg, g and kg (I) Answers

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



1. Convert 680 g to kg

$$680 \text{ g} \div 10 \div 10 \div 10 = 0.68 \text{ kg}$$

2. Convert 0.0038 g to mg

$$0.0038 \text{ g} \times 10 \times 10 \times 10 = 3.8 \text{ mg}$$

3. Convert 660,000,000 mg to kg

$$660,000,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 660 \text{ kg}$$

4. Convert 4,810,000 mg to kg

$$4,810,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 4.81 \text{ kg}$$

5. Convert 498.6 g to mg

$$498.6 \text{ g} \times 10 \times 10 \times 10 = 498,600 \text{ mg}$$

6. Convert 2950 mg to g

$$2950 \text{ mg} \div 10 \div 10 \div 10 = 2.95 \text{ g}$$

7. Convert 699.2 g to mg

$$699.2 \text{ g} \times 10 \times 10 \times 10 = 699,200 \text{ mg}$$

8. Convert 0.01535 kg to g

$$0.01535 \text{ kg} \times 10 \times 10 \times 10 = 15.35 \text{ g}$$

9. Convert 6.78 kg to g

$$6.78 \text{ kg} \times 10 \times 10 \times 10 = 6780 \text{ g}$$

10. Convert 62,770,000,000 mg to kg

$$62,770,000,000 \text{ mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 62,770 \text{ kg}$$