

# Converting Between kg, g and mg (G)

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

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

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

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



1. Convert 8 030 000 g to kg
2. Convert 0.00024 kg to g
3. Convert 696 000 000 mg to kg
4. Convert 35 000 g to kg
5. Convert 6.05 g to mg
6. Convert 0.4953 kg to mg
7. Convert 2 597 000 mg to g
8. Convert 0.076 g to mg
9. Convert 0.0082 kg to mg
10. Convert 60 600 000 mg to g

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

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



1. Convert 8 030 000 g to kg

$$8\ 030\ 000\ \text{g} \div 10 \div 10 \div 10 = 8030\ \text{kg}$$

2. Convert 0.00024 kg to g

$$0.00024\ \text{kg} \times 10 \times 10 \times 10 = 0.24\ \text{g}$$

3. Convert 696 000 000 mg to kg

$$696\ 000\ 000\ \text{mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 696\ \text{kg}$$

4. Convert 35 000 g to kg

$$35\ 000\ \text{g} \div 10 \div 10 \div 10 = 35\ \text{kg}$$

5. Convert 6.05 g to mg

$$6.05\ \text{g} \times 10 \times 10 \times 10 = 6050\ \text{mg}$$

6. Convert 0.4953 kg to mg

$$0.4953\ \text{kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 495\ 300\ \text{mg}$$

7. Convert 2 597 000 mg to g

$$2\ 597\ 000\ \text{mg} \div 10 \div 10 \div 10 = 2597\ \text{g}$$

8. Convert 0.076 g to mg

$$0.076\ \text{g} \times 10 \times 10 \times 10 = 76\ \text{mg}$$

9. Convert 0.0082 kg to mg

$$0.0082\ \text{kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 8200\ \text{mg}$$

10. Convert 60 600 000 mg to g

$$60\ 600\ 000\ \text{mg} \div 10 \div 10 \div 10 = 60\ 600\ \text{g}$$