

Converting Between kg, g and mg (E)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 0.01374 g to mg
2. Convert 0.9554 g to mg
3. Convert 525 000 g to kg
4. Convert 0.0000025 kg to mg
5. Convert 4 280 000 mg to kg
6. Convert 9300 g to kg
7. Convert 1 800 000 g to kg
8. Convert 4.69 g to mg
9. Convert 0.00000075 kg to mg
10. Convert 36 800 mg to g

Converting Between kg, g and mg (E) Answers

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



1. Convert 0.01374 g to mg

$$0.01374 \text{ g} \times 10 \times 10 \times 10 = 13.74 \text{ mg}$$

2. Convert 0.9554 g to mg

$$0.9554 \text{ g} \times 10 \times 10 \times 10 = 955.4 \text{ mg}$$

3. Convert 525 000 g to kg

$$525 \text{ 000 g} \div 10 \div 10 \div 10 = 525 \text{ kg}$$

4. Convert 0.0000025 kg to mg

$$0.0000025 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 2.5 \text{ mg}$$

5. Convert 4 280 000 mg to kg

$$4 \text{ 280 000 mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 4.28 \text{ kg}$$

6. Convert 9300 g to kg

$$9300 \text{ g} \div 10 \div 10 \div 10 = 9.3 \text{ kg}$$

7. Convert 1 800 000 g to kg

$$1 \text{ 800 000 g} \div 10 \div 10 \div 10 = 1800 \text{ kg}$$

8. Convert 4.69 g to mg

$$4.69 \text{ g} \times 10 \times 10 \times 10 = 4690 \text{ mg}$$

9. Convert 0.00000075 kg to mg

$$0.00000075 \text{ kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 0.75 \text{ mg}$$

10. Convert 36 800 mg to g

$$36 \text{ 800 mg} \div 10 \div 10 \div 10 = 36.8 \text{ g}$$