

Converting Between kg, g and mg (J)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 1 200 000 g to kg
2. Convert 87 100 000 g to kg
3. Convert 0.0088 kg to mg
4. Convert 967 700 000 mg to g
5. Convert 0.02623 g to mg
6. Convert 66 660 000 mg to kg
7. Convert 0.00283 kg to g
8. Convert 720 000 mg to g
9. Convert 0.0000893 kg to mg
10. Convert 10.7 g to mg

Converting Between kg, g and mg (J) Answers

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



1. Convert 1 200 000 g to kg
 $1\ 200\ 000\ \text{g} \div 10 \div 10 \div 10 = 1200\ \text{kg}$
2. Convert 87 100 000 g to kg
 $87\ 100\ 000\ \text{g} \div 10 \div 10 \div 10 = 87\ 100\ \text{kg}$
3. Convert 0.0088 kg to mg
 $0.0088\ \text{kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 8800\ \text{mg}$
4. Convert 967 700 000 mg to g
 $967\ 700\ 000\ \text{mg} \div 10 \div 10 \div 10 = 967\ 700\ \text{g}$
5. Convert 0.02623 g to mg
 $0.02623\ \text{g} \times 10 \times 10 \times 10 = 26.23\ \text{mg}$
6. Convert 66 660 000 mg to kg
 $66\ 660\ 000\ \text{mg} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 66.66\ \text{kg}$
7. Convert 0.00283 kg to g
 $0.00283\ \text{kg} \times 10 \times 10 \times 10 = 2.83\ \text{g}$
8. Convert 720 000 mg to g
 $720\ 000\ \text{mg} \div 10 \div 10 \div 10 = 720\ \text{g}$
9. Convert 0.0000893 kg to mg
 $0.0000893\ \text{kg} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 89.3\ \text{mg}$
10. Convert 10.7 g to mg
 $10.7\ \text{g} \times 10 \times 10 \times 10 = 10\ 700\ \text{mg}$