

Metric Mass Conversions Practice

BibleMouse.com

5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. 500 grams to milligrams: $500 \times 1000 = \underline{\hspace{2cm}}$

2. 2 kilograms to grams: $2 \times 1000 = \underline{\hspace{2cm}}$

3. 1500 milligrams to grams: $1500 \div 1000 = \underline{\hspace{2cm}}$

4. A bag of flour weighs 2 kilograms. How many grams does it weigh?

5. If a chocolate bar weighs 150 grams, what is its weight in milligrams?

6. Circle the greater mass: 250 grams or 0.25 kilograms

7. 1 kilogram = $\underline{\hspace{1cm}}$ grams

8. 1000 milligrams = 1 gram

True False

9. 3.5 kilograms to grams: $3.5 \times 1000 = \underline{\hspace{2cm}}$

10. Sarah has a package that weighs 750 grams and another that weighs 300 grams. What is the total weight in grams?

11. A recipe calls for 2000 milligrams of salt. How many grams is that?

12. Circle the greater mass: 500 grams or 0.5 kilograms

13. If 1 gram is equal to $\underline{\hspace{1cm}}$ milligrams

14. John bought a fruit basket weighing 1.5 kilograms. How many grams is that?

15. 4 kilograms to milligrams: $4 \times 1000 \times 1000 = \underline{\hspace{2cm}}$

Answer Key

1. 500000 2. 2000 3. 1.5 4. 2000 5. 150000 6. 0.25 kilograms 7. 1000 8. True 9. 3500 10. 1050 11. 2 12. 0.5 kilograms 13. 1000 14. 1500 15. 4000000

Made by Kylie Tyler & Jim Tyler with support from Dan, Barb, and Darren Tyler