

# MY Homework

## Lesson 3

### Metric Units of Mass

## Homework Helper



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**Geneva subscribes to a nature magazine. Is it reasonable to estimate that the mass of one issue of the magazine is 25 grams or 25 kilograms?**

Twenty-five kilograms is too much.

You know that the mass of 1 penny is about 1 gram. Imagine holding 25 pennies in one hand and a magazine in the other. They would probably feel about the same.

So, it is reasonable to say the mass of one magazine is about 25 grams.

## Practice

Circle the more reasonable estimate for each mass.

1.



1,500 grams    1,500 kilograms

2.



5 grams    5 kilograms

3.



3 grams    3 kilograms

4.



14 grams    14 kilograms

Complete the table by writing a reasonable unit of mass, grams or kilograms, for each object.

Mass of Fruits and Vegetables	
Object	Mass (g or kg)
5. grape	1 <input type="text"/>
6. pumpkin	2 <input type="text"/>
7. apple	150 <input type="text"/>
8. cantaloupe	1 <input type="text"/>
9. potato	1 <input type="text"/>



## Problem Solving

10. The mass of a pen cap is 1 unit. What metric unit, gram or kilogram, was used to measure the mass of the pen cap?

11. **Mathematical PRACTICE 6** **Explain to a Friend** Julio is buying a carton of blueberries that has a mass of 100 grams. Is it reasonable to say that there are 250 blueberries in the carton? Explain.

## Vocabulary Check



Match each vocabulary term to its definition or example.

- |              |  |
|--------------|--|
| 12. kilogram | • the amount of matter an object has           |
| 13. mass     | • a metric unit of mass equal to about 1 penny |
| 14. gram     | • 1,000 grams                                  |

## Test Practice

15. Which is a reasonable estimate for the mass of a toothbrush?

- (A) 2 grams      (B) 20 grams      (C) 200 grams      (D) 2,000 grams