

## Lesson 4 Mass Problems

### *Solve Mass Problems*

Mass is the amount of matter an object has. The metric units of mass that you will be working with are gram (g) and kilogram (kg).

#### **Six watermelons have a mass of 54 kilograms. What is the mass of 1 watermelon?**

This problem gives you the total mass of 6 watermelons and asks for the mass of 1 watermelon. You can use division to find the answer.

$$54 \text{ kilograms} \div 6 = 9 \text{ kilograms}$$

So, 1 watermelon has a mass of 9 kilograms.

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#### **Write an equation to solve each problem.**

1. A pair of sunglasses has a mass of 5 grams. A sunhat has a mass of 12 grams. What is the total mass of the sunglasses and sunhat?

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2. A tennis racket and ball have a combined mass of 336 grams. The mass of the ball is 56 grams. What is the mass of the tennis racket?

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3. Wendy has identical medals with a total mass of 56 grams. Each medal has a mass of 7 grams. How many medals does Wendy have?

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4. Truman stacked 11 cartons of books at the warehouse. Each carton has a mass of 5 kilograms. What is the total mass of the cartons Truman stacked?

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