

NAME \_\_\_\_\_

DATE \_\_\_\_\_

## Summer Eating Fun

We often think of watermelon as a summertime food. Different kinds of watermelon grow in different places. Farmers have new ways to ship produce. It is possible to have watermelon year-round.

This healthy fruit has high water content. That means most of its weight is water. About three-quarters of a watermelon is fruit. A little over one quarter is rind. Did you know the whole watermelon is okay to eat?



An average watermelon in the store weighs 20 pounds.

China grows more watermelon than any other country. Watermelon first grew wild in Africa. It likes warmer temperatures. In the United States, it grows in California and Georgia. It also grows in Florida and Texas.

At home, watermelon will keep for 7 to 10 days at room temperature. Wrap cut watermelon and store it in the refrigerator.

It is easy to choose a good watermelon when you shop. Look for a firm melon. It should not have cuts, bruises, or dents. It should be heavy for its size. There will be a creamy yellow spot on one side where it sat on the ground and ripened in the sun. Take the watermelon home. Cut it into wedges or cubes and enjoy!

### THINK ABOUT THE MATH

- Grams (g) are the standard unit of measurement of mass or weight.
- 1 kilogram (kg) is equal to 1,000 g.
- One pound weighs the same as about 500 g.
- A fraction shows the number of equal parts in a whole.
- Use place-value strategies to multiply multiples of 10.
- Use a letter to stand for an unknown number in an equation.
- Find the number of parts in the numerator of a fraction to mark off a line segment on a number line.

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**Problem Solving**

**Directions:** Use page 73 to answer these questions. First, skim the paragraphs to find information that might help you solve the problem. Remember to show your thinking as you do the math!

- 1 About how many grams (g) does an average watermelon weigh? \_\_\_\_\_
- 2 How many kilograms (kg) does a 9,000 g watermelon weigh? \_\_\_\_\_
- 3 Some watermelons are “personal” watermelons. They are smaller and have a thinner rind. These melons weigh about 3,000 g each. How many kg does one personal watermelon weigh?  
\_\_\_\_\_
- 4 How many more grams does an average watermelon weigh than a personal watermelon?  
\_\_\_\_\_
- 5 One of the heaviest watermelons was grown in 2005 in Arkansas. It weighed 268 pounds. Another way to measure its mass is to say it weighed about 134 kg.  
How much heavier was this watermelon than a 20-pound watermelon in a store (in pounds)?  
\_\_\_\_\_  
How many more kg did this watermelon weigh than an average 9 kg watermelon?  
\_\_\_\_\_

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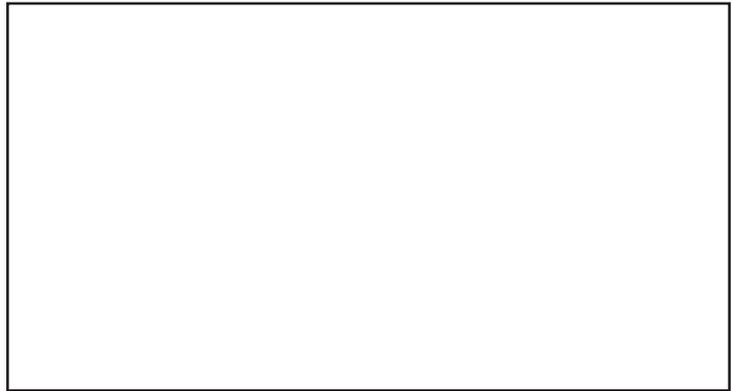
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**Engage**

**Directions:** Think about how many people one watermelon will feed. Then, answer the questions below.

1 How much of a watermelon is fruit? \_\_\_\_\_

Draw a watermelon and shade a fraction to show how much is fruit.



How many equal parts did you divide your drawing into? \_\_\_\_\_

2 Draw a number line. Number it 1 to 20 and divide it into 4 equal parts. Draw a line segment to show how much of the watermelon is fruit.



How many pounds of fruit are in a 20-pound watermelon? \_\_\_\_\_

3 A group that promotes watermelon says there are about 3 cups of fruit for every pound of watermelon.

How many cups of fruit are in an average watermelon? \_\_\_\_\_

Explain how you found your answer. \_\_\_\_\_



4 If one serving of watermelon equals 1 cup of diced fruit, how many servings are in one average watermelon? \_\_\_\_\_

5 How many cups of watermelon might one person eat? \_\_\_\_\_

How does the amount each person eats change the number of people who might be able to share a watermelon?

