



Watch video

MathApex

Name: _____

Date: _____

From the video 4 people 300 g, 8 people twice as much → $300 \times 2 = 600$ g**1 Now it's your turn!**

For 4 people you need 250 g of flour. How much flour do you need for 2 people?

Half as many people need half as much flour.

$$250 \div 2 = \boxed{} \text{ g}$$

3 The recipe.

The recipe is for 4 people. Calculate for 2 and for 8 people.

	4 people	2 people	8 people
Flour	200 g		
Sugar	100 g		
Eggs	2		
Milk	300 ml		

5 Think backwards.

A notebook costs \$6. How many notebooks can you buy for \$24?

$$24 \div 6 = \boxed{} \text{ notebooks}$$

6 The price table.

Number	1	2	5	10
Price	\$8			

2 First one, then many.

a) 5 rolls cost \$10. What do 8 rolls cost?

$$10 \div 5 = \$ \boxed{} \quad 8 \times 2 = \$ \boxed{}$$

b) 3 apples cost \$6. What do 10 apples cost?

$$6 \div 3 = \$ \boxed{} \quad 10 \times 2 = \$ \boxed{}$$

4 Words only.

4 bottles of juice cost \$20. How much do 7 bottles cost?

$$20 \div 4 = \$ \boxed{} \quad 7 \times 5 = \$ \boxed{}$$

★ Brain teaser

3 children share 24 cookies fairly. Then just as many more children join, but there are no new cookies. How many cookies does each child get now?



The Recipe

**1 Now it's your turn!**

$$250 \div 2 = 125 \text{ g}$$

2 First one, then many.

$$10 \div 5 = \$2, 8 \times 2 = \$16$$

$$6 \div 3 = \$2, 10 \times 2 = \$20$$

3 The recipe.

Flour: 100 g / 400 g

Sugar: 50 g / 200 g

Eggs: 1 / 4

Milk: 150 ml / 600 ml

4 Words only.

$$20 \div 4 = \$5, 7 \times 5 = \$35$$

5 Think backwards.

$$24 \div 6 = 4 \text{ notebooks}$$

★ Brain teaser

$$\text{First } 24 \div 3 = 8, \text{ then } 24 \div 6 = 4 \text{ cookies}$$

Twice as many children, half as many cookies for each.

6 The price table.

$$2 \rightarrow \$16 \quad 5 \rightarrow \$40 \quad 10 \rightarrow \$80$$

For parents and teachers: This worksheet goes with the video "The Recipe" (Math Story 95, Grade 4). "First one, then many": first work out the value for one item (or one person), then multiply or halve.

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