First One, Then Many

MathApex

Name: _____ Date: _____

Watch video

From the video 3 notebooks cost $6 → 1 notebook $2 → 5 notebooks **5 × 2 = $10**

1 Now it's your turn!

4 pencils cost 8 dollars. How much do 7 pencils cost?

First one: What does 1 pencil cost? Then many.

8 ÷ 4 = $ ☐

7 × 2 = $ ☐

2 First one, then many.

a) 3 balls cost $12. What do 5 balls cost?

12 ÷ 3 = $ ☐ **5 × 4 = $ ☐**

b) 4 notebooks cost $8. What do 7 notebooks cost?

8 ÷ 4 = $ ☐ **7 × 2 = $ ☐**

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		

4 Words only.

5 bottles of juice cost $15. How much do 8 bottles cost?

15 ÷ 5 = $ ☐ **8 × 3 = $ ☐**

5 Think backwards.

A notebook costs $6. How many notebooks can you buy for $18?

18 ÷ 6 = ☐ notebooks

Brain teaser

4 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?

6 The price table.

Number	1	2	5	10
Price	$6			

MathApex

MATH STORY 81 · ANSWERS

First One, Then Many

Watch video

1 Now it's your turn!

8 ÷ 4 = $2, 7 × 2 = $14

2 First one, then many.

12 ÷ 3 = $4, 5 × 4 = $20
8 ÷ 4 = $2, 7 × 2 = $14

3 The recipe.

Flour: 100 g / 400 g
Sugar: 50 g / 200 g
Eggs: 1 / 4
Milk: 150 ml / 600 ml

4 Words only.

15 ÷ 5 = $3, 8 × 3 = $24

5 Think backwards.

18 ÷ 6 = 3 notebooks

★ Brain teaser

First 24 ÷ 4 = 6, then 24 ÷ 8 = 3 cookies

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

6 The price table.

2 → $12 5 → $30 10 → $60

For parents and teachers: This worksheet goes with the video "First One, Then Many" (Math Story 81, 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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