



Math Virtual Learning

**3rd Grade**

**Problem of the Day**

Tuesday, April 7, 2020

# Problem of the Day:

A teacher had 18 erasers. She gave six away to students. She put the ones she still had into baggies with six in each bag. How many baggies did she need?

## Think:

What is the question asking?

## Ask

### yourself:

What do I already know?

## Think:

What do I need to find out first?

## Decide On:

- Where to start
- A model to use
- Is there a next step?

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**Think:**

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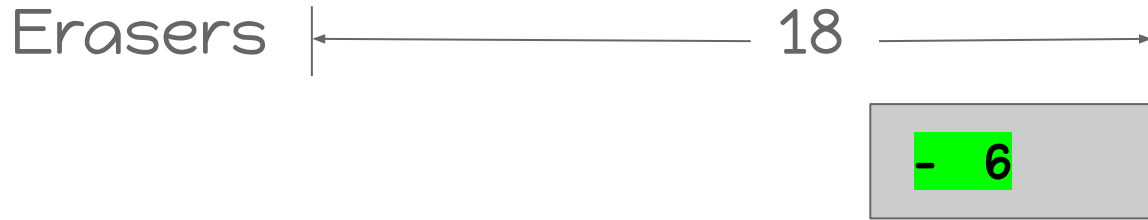
Erasers | ← 18 → |

**Ask yourself:**  
What do I already know?

How many baggies did she need?

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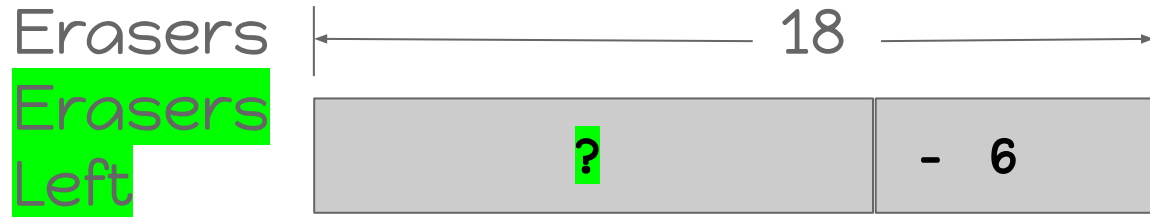


**Ask yourself:**  
What do I already know?

How many baggies did she need?

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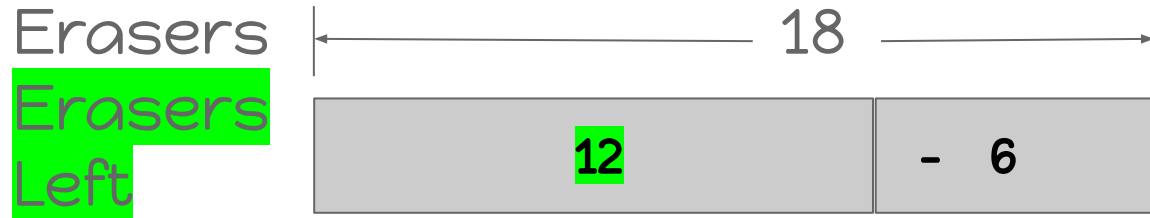
**Think:**

What do I need to find out first?

How many baggies did she need?

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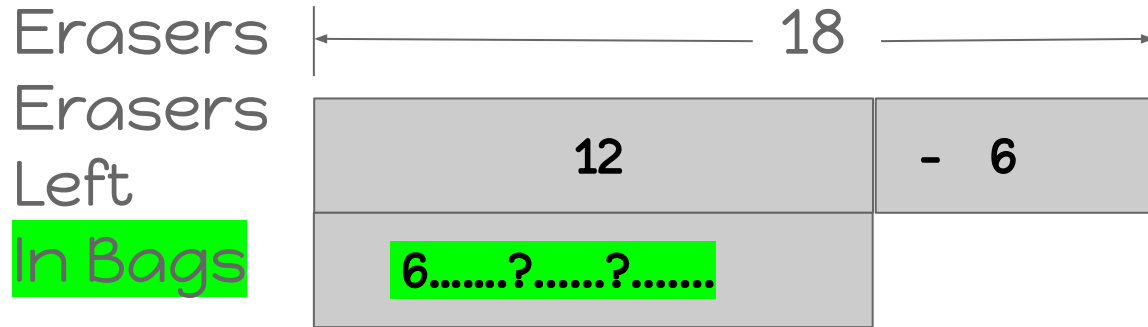
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What do I need to find out first?

How many baggies did she need?

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## Decide On:

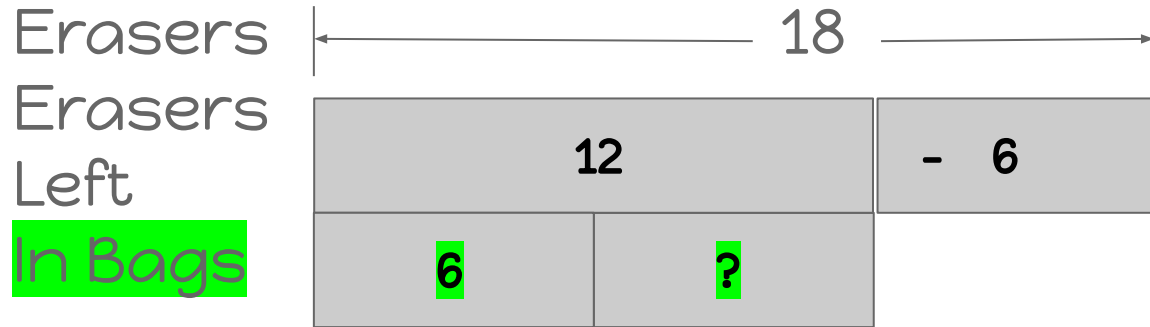
- Is there a next step?
- Where to start
- A model to use

How many baggies did she need?



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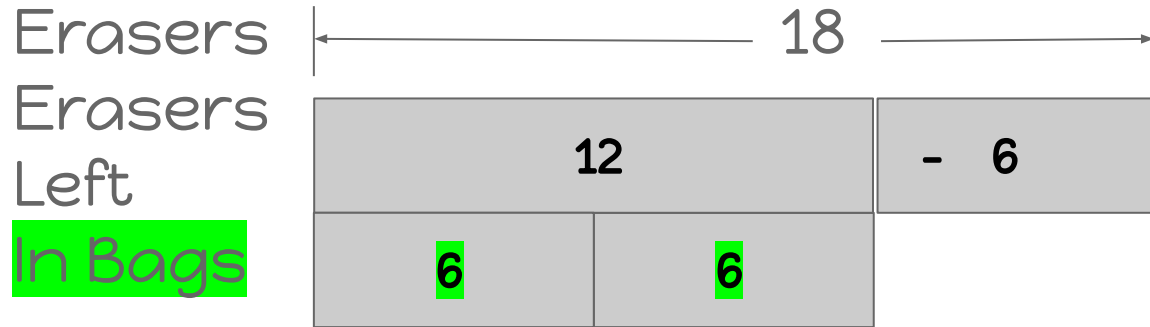
## Decide On:

- Is there a next step?
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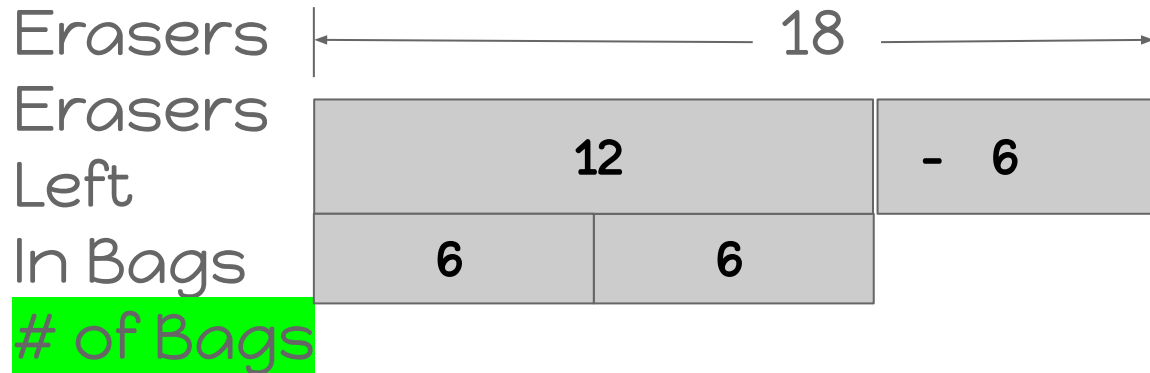
## Decide On:

- Is there a next step?
- Where to start
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How many baggies did she need?

# Problem of the Day:

A teacher had 18 erasers. She gave six away to students. She put the ones she still had into baggies with six in each bag. **How many baggies did she need?**



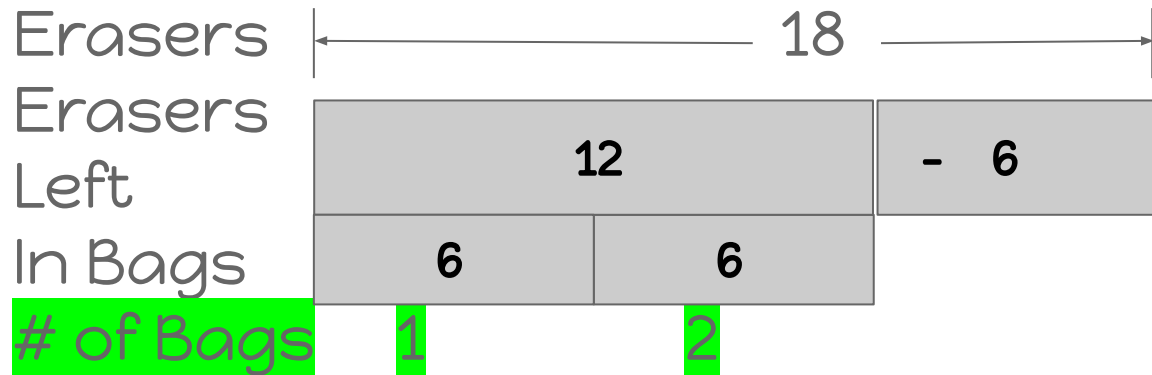
## Decide On:

- Is there a next step?
- Where to start
- A model to use

**How many baggies did she need?**

# Problem of the Day:

A teacher had 18 erasers. She gave six away to students. She put the ones she still had in to baggies with six in each bag. How many baggies did she need?



## Decide On:

- Is there a next step?
- Where to start
- A model to use

How many baggies did she need? **2 bags**



Math Virtual Learning

# 3rd Grade Number Sense

Tuesday, April 7, 2020



3rd Grade Math  
Lesson: Tuesday, April 7, 2020

**Learning Target:**  
Students will practice their multiplication skills using  
number sense.

# Background: This is a review lesson from 3rd grade, using what we know about our multiplication facts.

- Use multiplication and division within 100 to solve problems.
- Apply properties of operations as strategies to multiply and divide.

## *Let's Get Started:*

Think back to yesterday's Number Sense Lesson and the poem you learned. Let's practice a new rhyme: **"A group of 3 is quickly done - start with 2 and then add 1!"** - Greg Tang

This video is another fun way to remember your 3's multiplication facts:

## [Three Times Table Song](#)



Three Times Table Song (Cover of Uptown Funk by Mark Ronson and Bruno Mars)

Let's find two facts that have a connection.

If I know  $3 \times 2 = 6$ , how does that help me solve  $3 \times 3$  ?

Think back  
to the song:  
Do you think  
counting  
patterns will  
help you?

$3 \times 2 = ?$

$3 \times 8 = ?$

$3 \times 5 = ?$

$3 \times 7 = ?$

$3 \times 4 = ?$

$3 \times 9 = ?$

$3 \times 3 = ?$

$3 \times 10 = ?$

$3 \times 6 = ?$



How is  $3 \times 4$  and  $3 \times 5$  connected?

THINK:  
How can I use the  
adding on strategy  
 $3 \times 4 = 12$  to answer  
 $3 \times 5$ ?

$3 \times 2 = ?$

$3 \times 8 = ?$

$3 \times 5 = ?$

$3 \times 7 = ?$

$3 \times 4 = ?$

$3 \times 9 = ?$

$3 \times 3 = ?$

$3 \times 10 = ?$

$3 \times 6 = ?$

Which fact below helps YOU to solve another fact?

Remember:

- Multiplication is repeated addition.
- These facts are adding on by 3.

$$3 \times 2 = ?$$

$$3 \times 8 = ?$$

$$3 \times 5 = ?$$

$$3 \times 7 = ?$$

$$3 \times 4 = ?$$

$$3 \times 9 = ?$$

$$3 \times 3 = ?$$

$$3 \times 10 = ?$$

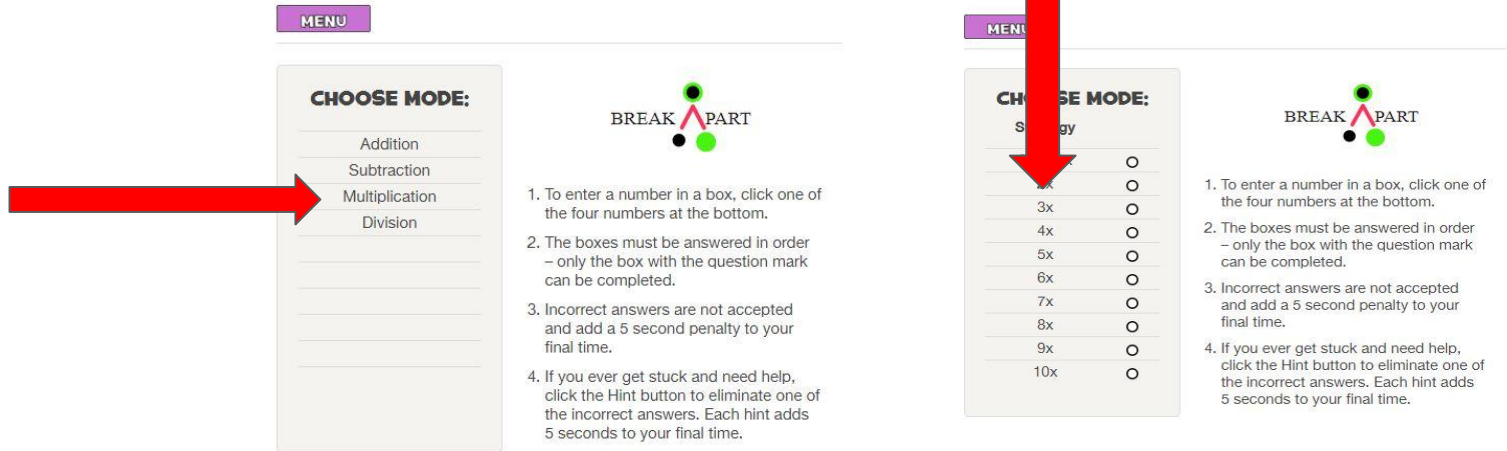
$$3 \times 6 = ?$$

# Practice on your own:

## Go to this website:

### [Greg Tang Math](#)

1. You will be playing Break Apart.
2. Select the Multiplication.
3. Choose the 3x.



The image shows two screenshots of the Greg Tang Math website interface. A red arrow points to the 'Multiplication' option in the 'CHOOSE MODE:' menu of the first screenshot. A second red arrow points to the '3x' option in the 'CHOOSE MODE:' menu of the second screenshot.

**CHOOSE MODE:**

- Addition
- Subtraction
- Multiplication
- Division

**BREAK APART**

1. To enter a number in a box, click one of the four numbers at the bottom.
2. The boxes must be answered in order – only the box with the question mark can be completed.
3. Incorrect answers are not accepted and add a 5 second penalty to your final time.
4. If you ever get stuck and need help, click the Hint button to eliminate one of the incorrect answers. Each hint adds 5 seconds to your final time.

**CHOOSE MODE:**

Strategy

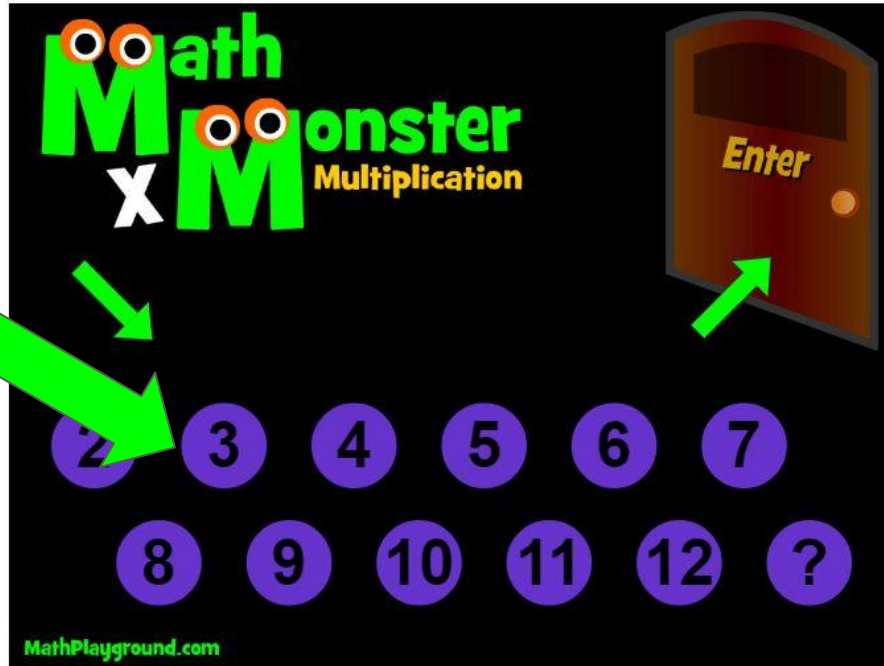
- 2x
- 3x
- 4x
- 5x
- 6x
- 7x
- 8x
- 9x
- 10x

**BREAK APART**

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Practice on your own:  
Go to this website:  
[Math Playground](http://MathPlayground.com)


Select the 3 for  
today's  
practice.



# Practice:

## Complete this page in your packet.

Name \_\_\_\_\_ Date \_\_\_\_\_

**3 TIMES TABLE - COUNT BY 3S MAZE** 

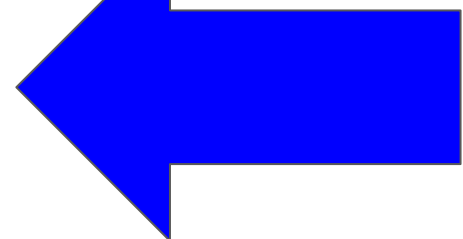
Help Newton to find his way out of the maze by shading the path counting in 3s up to 30.



IN →	3	4	5	7	14
	6	7	13	11	20
	9	12	15	17	16
	13	11	18	14	30
	8	16	21	24	27

OUT →

Click on the arrow to open the worksheet.



Count by 3s up to 30

3 → \_ → \_ → \_ → \_ → \_ → \_ → \_ → \_ → \_

Match the multiplication fact to the correct repeated addition facts.

$3 \times 5$	$3 + 3 + 3 + 3 + 3 + 3 + 3$
$3 \times 4$	$3 + 3$
$3 \times 3$	$3 + 3 + 3 + 3 + 3$
$3 \times 6$	$3 + 3 + 3 + 3 + 3 + 3$
$3 \times 7$	$3 + 3 + 3 + 3$
$3 \times 2$	$3 + 3 + 3$

## Self Check:

Go tell someone in your home your answers.



1. Was this lesson?



2. What objects can you gather in your home to show how to add on by 3 to solve multiplication?