

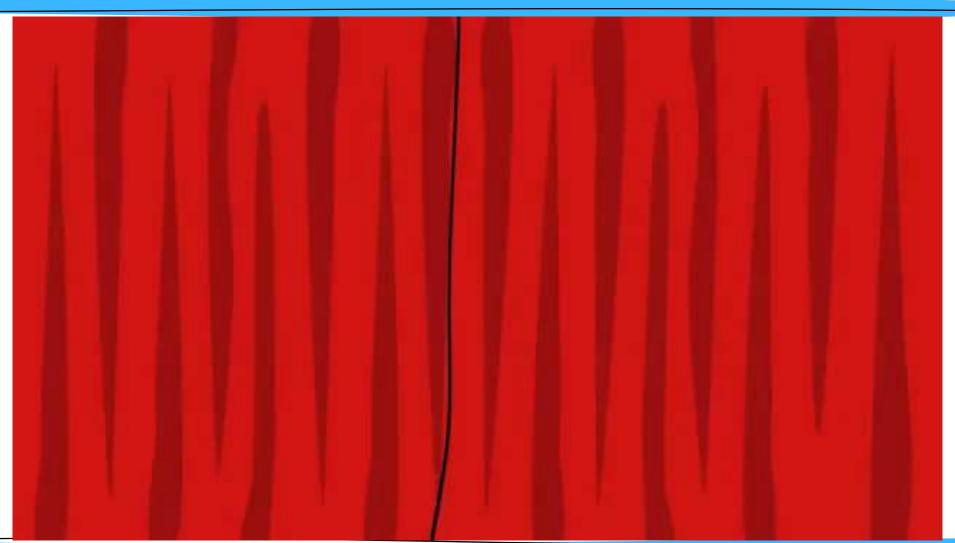
Grade3
UNIT 9
Lesson 5











Understand division with 3 and 6

lesson objectives:

We Are Learning To:

I can use facts and patterns to show division with 0 and 1.

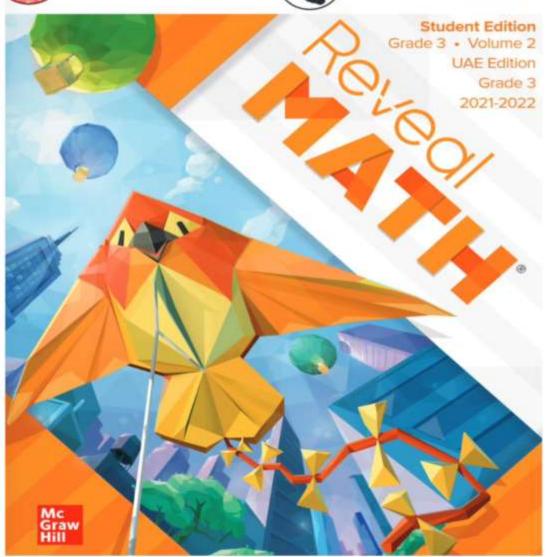
vocabulary...

Dividend, Divisor and Quotient











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Unit 9 Lesson 5

Daily Basic Fact Question



Find the answer mentally

$$8 \times 3 = 24$$

$$6X6 = ...36$$







Send Your answer on the Chat Box

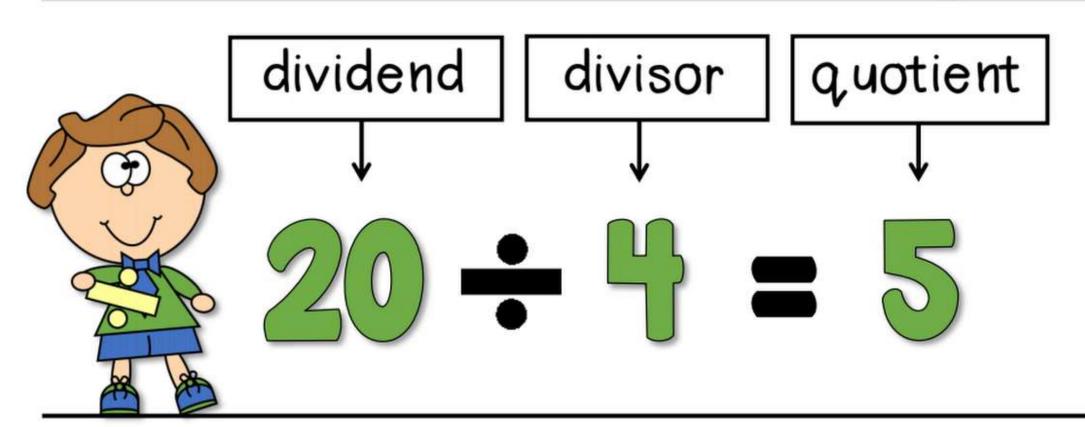
Understand Division with 3 and 6

Learning Outcome

Learning Targets

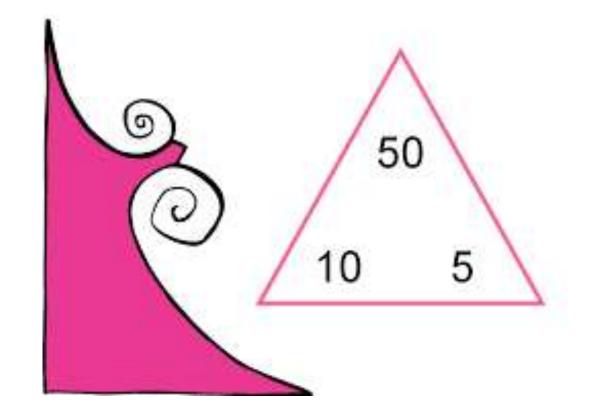
- I can use patterns and rules to recall division facts with 1 and 0.
- I can describe patterns and rules to recall division facts with 1 and 0.

Division Vocabulary





Review



$$50 \div 5 = 10$$

$$50 \div 10 = 5$$

$$5 X 10 = 50$$

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Be Curious

What question could you ask?

Gia is making triangles and hexagons with craft sticks.



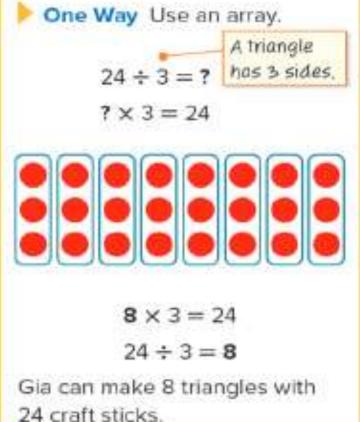
Learn

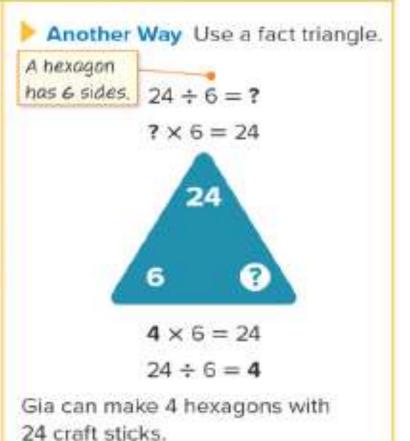
Gia will make triangles or hexagons with 24 craft sticks. She uses one stick for each side.



How many triangles can she make with all the sticks?

How many hexagons can she make with all the sticks?





You can use related multiplication facts to divide by 3 and 6.

Math is... Choosing Tools

When might you use a fact
triangle to solve a problem?

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Work Together

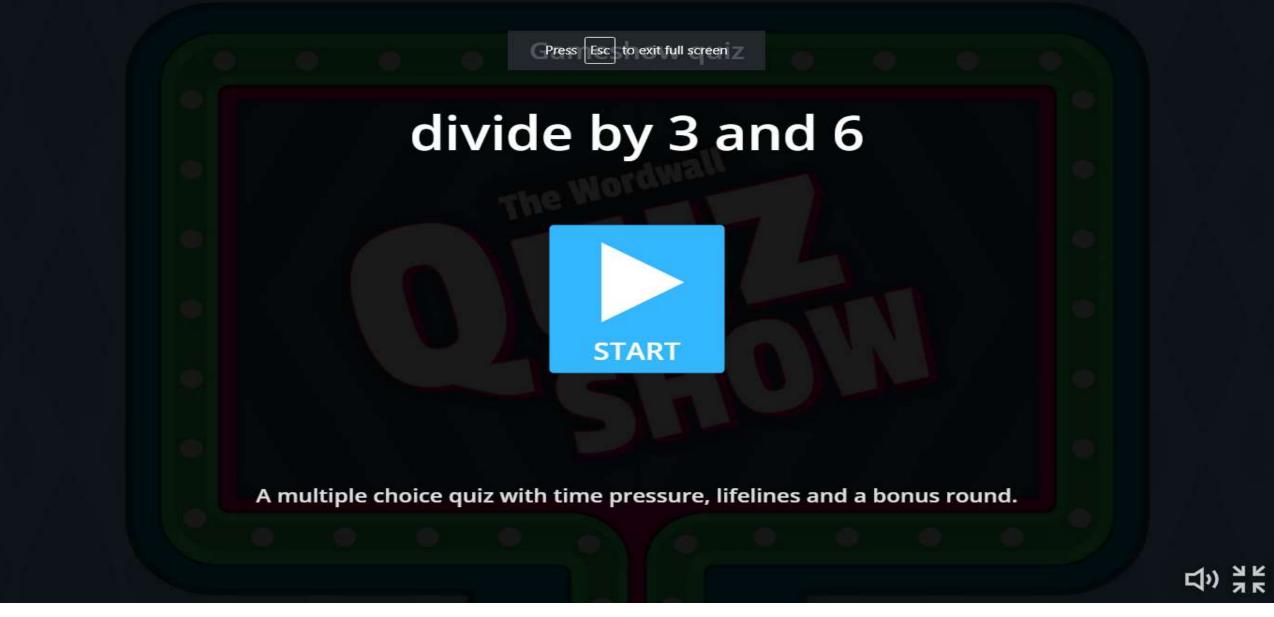
Michaela has two sheets of 30 stickers. One sheet has 3 rows of star stickers. The second sheet has 6 rows of circle stickers. How many stickers are in each row of each sheet? Explain how you found the answer.

Sheet 1

Sheet 2

$$30 \div 3 = 10$$
 stickers

$$30 \div 6 = 5$$
 stickers



https://wordwall.net/resource/28697865

On My Own



Name

What number makes the equation true?
Write a related multiplication equation to help you.

1.
$$6 \div 6 = 1$$

$$1 \times 6 = 6$$

3.
$$4 = 24 \div 6$$

$$6 \times 4 = 24$$

5.
$$3 = 18 \div 6$$

$$6 \times 3 = 18$$

$$\frac{7.15 + 3 = 5}{3 \times 5 = 15}$$

2.
$$9 = 27 \div 3$$

$$3 \times 9 = 27$$

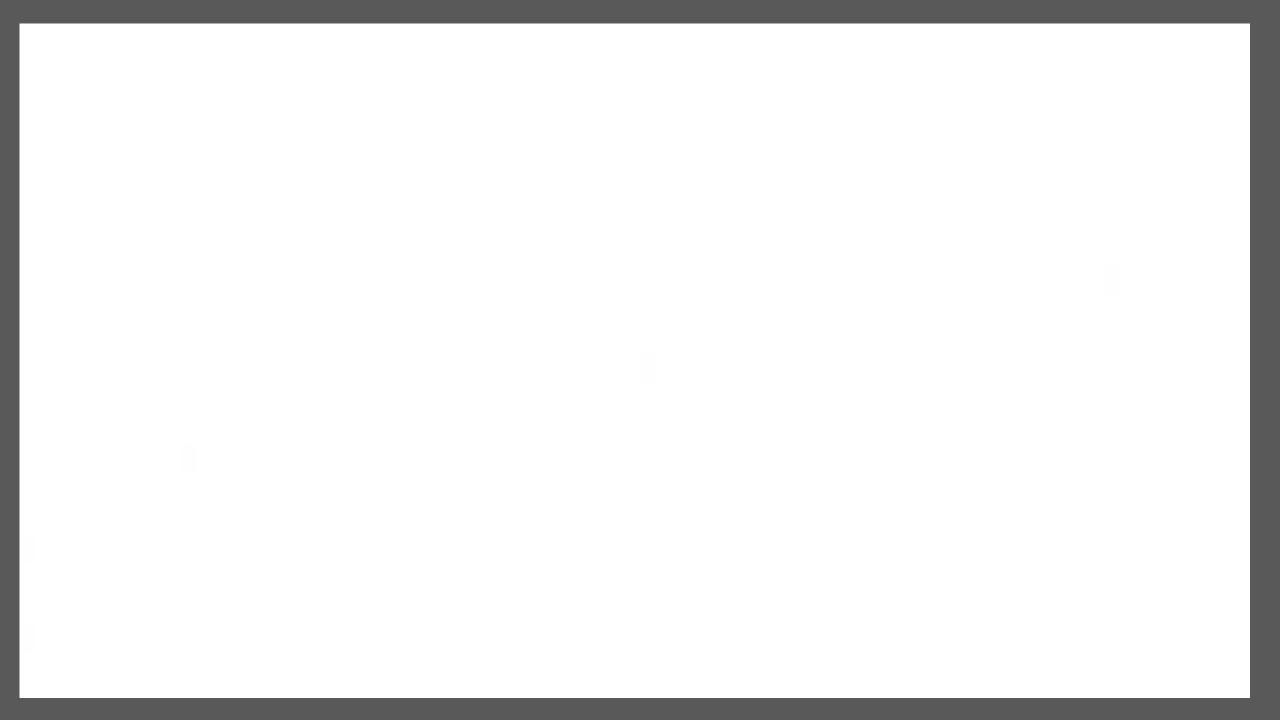
4.
$$54 \div 6 = 9$$

$$6 \times 9 = 54$$

$$3 \times 7 = 21$$

8.
$$6 = 36 \div 6$$

$$6 \times 6 = 36$$

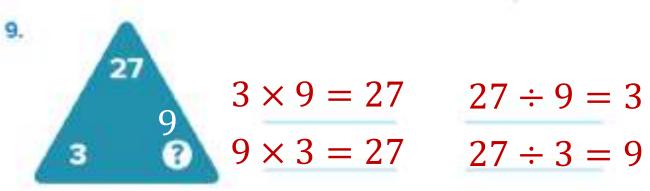


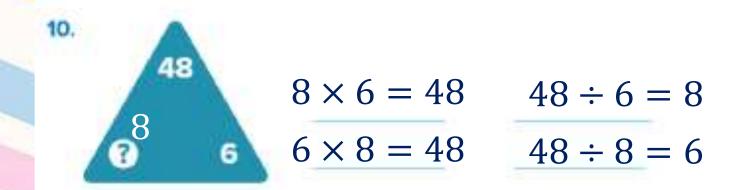
On My Own



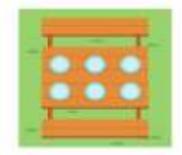
Name

What is the unknown number? Write the fact family.





11. Dante is setting tables for a cookout. He sets each table the same way as shown. He uses a total of 42 plates. How many tables does he set? Show your work.



$$42 \div 6 = 7$$
 7 tables

12. STEM Connection When Saffron is a pastry che, she will need to know how to divide the ingredients in a recipe. How can she divide the recipe by 3?



$$18 \div 3 = 6 cups four$$

 $6 \div 3 = 2 eggs$
 $3 \div 3 = 1 cups milk$

13. Extend Your Thinking Abby is packaging granola bars in bags of 3. She needs enough bags to package 36 bars. How does the number of bags compare if she decides to package 6 in each bag instead?

Bags of 3

Bags of 6

$$36 \div 3 = 12 \text{ bags}$$
 $36 \div 6 = 6 \text{ bags}$





Thank you. I hope you had fun.

See next week!!