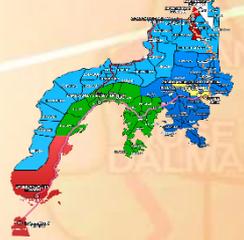




Republic of the Philippines
Department of Education
 Regional Office IX, Zamboanga Peninsula



Zest for **P**rogress
 Zeal of **P**artnership

2

- JANUARY
Mahugiton
- FEBRUARY
Mahigugmaon
- MARCH
Matinabungan
- APRIL
Matinahuron
- MAY
Mahapsay og Malimpyo
- JUNE
*Maabtik og Musunod sa
Dhaklong Oras*
- JULY
Maantigo og Maabilidad
- AUGUST
*Maginhuhunoon
para sa Uban*
- SEPTEMBER
Madaginton
- OCTOBER
Matinud-anon
- NOVEMBER
Masaligan
- DECEMBER
Maalampon

Mathematics

Quarter 3 – Module 2

Visualizing Division of Numbers up to 100



Name of Learner: _____

Grade & Section: _____

Name of School: _____



What I Need to Know

Learning Competency

In this module, you will be able to

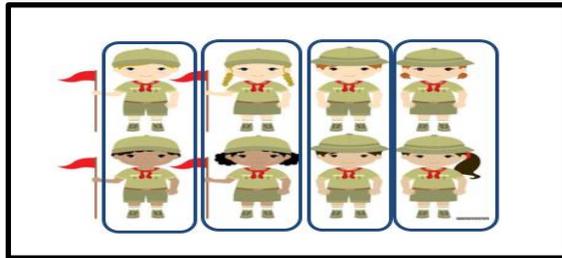
-Visualizes division of numbers up to 100 by 2,3,4,5 and 10
(Multiplication Table of 2,3,4,5, and 10) **M2NS-IIIb-51.1**



What I Know

Directions: Encircle the letter of the correct answer.

1. What number sentence can you formulate from the illustration below?



- A. $8 \div 2 = 4$ B. $4 \div 2 = 2$ C. $6 \div 2 = 3$ D. $8 \div 8 = 1$

2. What would be the quotient if P20 distributed to 4 boy scouts?

- A. 4 B. 5 C. 6 D. 8



What's In

In the previous lesson you have learned the part of division concept and how to process the equation using manipulative games, equal sharing or partition, repeated subtraction, and equal jumps on the number line.

Activity 1. Do It for Me!

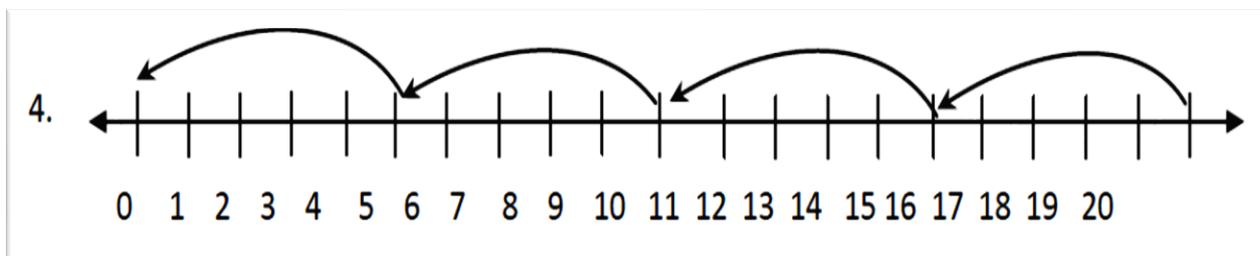
Directions: Read and answer correctly the following question.

1. Distribute the tent equally in the box.
Complete the equation below.



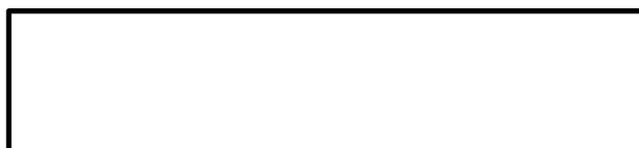
$$\underline{\quad} \div 2 = \square$$

2. What is the division sentence for the given number line?



- A. $20 \div 4 = 5$ B. $20 \div 5 = 4$ C. $20 \div 10 = 2$ D. $20 \div 1 = 20$
3. In $16 \div 2 = 8$, what is 8?
A. Product B. dividend C. quotient D. divisor
4. Draw division as equal sharing using these division sentence.

$$12 \div 6 = \underline{\quad}$$





What's New

You have already learned how to express division in different ways. Today you will learn another way on how to visualize division of numbers up to 100.

Read and understand the paragraph:

The Kulambugan Elementary School conducted a School-Based BSP/GSP Encampment and Camporal 2019.

There were 18 boy scouts and 24 girl scouts attended and registered in the camp. The boy scouts were grouped into 2 patrol and the girl scouts had 3 patrol. One of the activities being done successfully was the Clean-Up Drive held in Brgy. Ali Alsree. All scouters lead by their Scout Masters and patrol leaders were able to cleaned the assigned area and gathered 20 sacks of segregated garbage. Everyone looked happy that they were able to do such great things in the community of Brgy. Ali Alsree.

Guided Questions:

1. How many boy scouts had attended the clean-up drive? **(18)**
2. How many girl scouts were registered in the camp? **(24)**
3. How many sacks of segregated garbage had they collected? **(20)**
4. What values did scouters show in the story? **(Cleanliness & Cooperation)**
5. Do you think you can also be a good scouts like them? How?

To fully understand the concept of visualizing division of numbers let's look at the illustrations:

Example #1: Dividing numbers by 2 and 3

In dividing numbers by 2 or 3 use the **Division Facts** to arrive with the correct quotient.

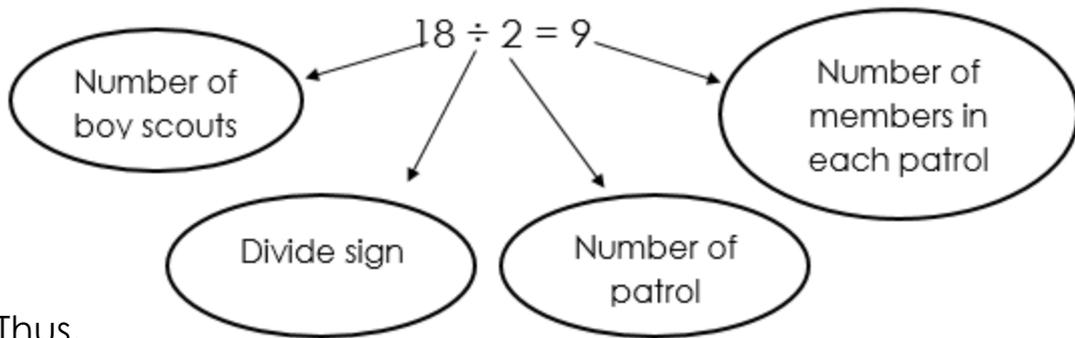


Clipartix.com

There are 18 boy scouts.

They are grouped into 2 patrol.

How many members of boy scouts are in each patrol?



Thus,

18 - is the dividend

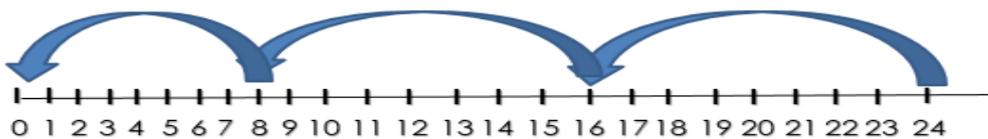
2 - is the divisor

9 - is the quotient

Example #2: Dividing numbers by 3

Division is the inverse of multiplication using the number line.

Look at the multiplication sentence: **3 x 8 = 24**



How many jumps from 24 going back to zero? (3).

Therefore, the **division sentence** is: **24 ÷ 3 = 8**

Multiplication sentence: **3x8=24**

Division sentence: **24÷3=8**



What I Have Learned

Activity 3: Complete Me

Directions: Read the paragraph and fill in the blank with the Correct answer from the box.

Multiplication facts	Division facts
Quotient	Division
	Counting by 5

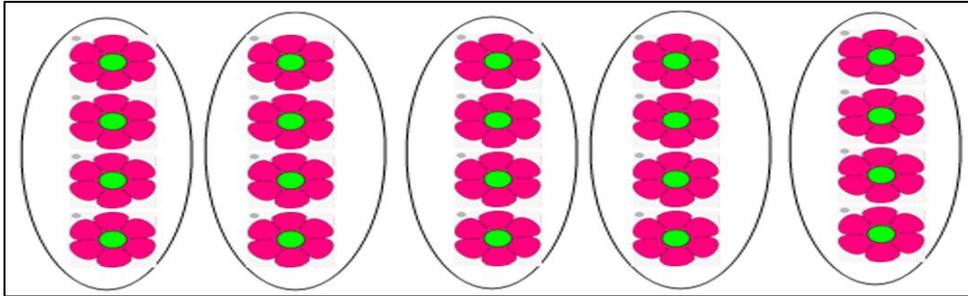
1. In dividing numbers by 2,3,4,5 & 10, the _____ helps you arrive the correct quotient.
2. Dividing whole numbers by 5 is like _____ .
3. To help acquire the mastery of division facts, You should master the _____.
4. In dividing the equation $8 \div 2 = 4$, 4 is called _____.
5. The _____ is the inverse of Multiplication.



Assessment

Directions: Choose and write the letter of the correct answers on the blanks before the number.

_____ 1. What is the division sentence of the given pictures?



- A. $20 \div 1 = 20$ B. $20 \div 2 = 10$ C. $20 \div 4 = 5$ D. $20 \div 10 = 2$

_____ 2. What is the missing number?

$$\underline{\quad} \div 5 = 8$$

- A. 25 B. 40 C. 55 D. 70

_____ 3. If **90** is the dividend and **10** is the divisor, what is the quotient?

- A. 6 B. 7 C. 8 D. 9

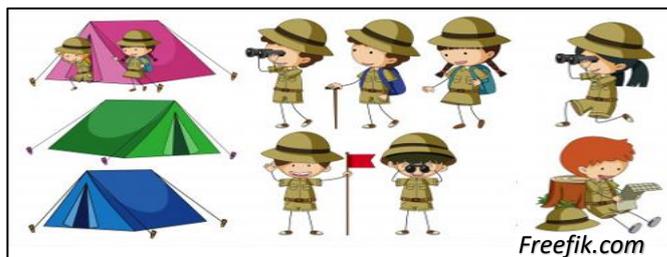
_____ 4. Write a division sentence whose quotient 7.

- A. $25 \div 5$ B. $18 \div 3$ C. $35 \div 5$ D. $80 \div 10$

ss

_____ 5. What is the correct division sentence of the problem?

**There are 9 scouts and 3 tents.
How many scouts are in each tent?**



- A. $9 \times 3 = 27$ B. $9 \div 3 = 3$ C. $3 \times 3 = 9$ D. $9 - 3 = 6$

References

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Published and distributed by Vibal Publishing House, Inc.
- Clipartix.com Boy scout boys scout clip art clipartfest*
3.Clipartix
- Freefik.com*
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Vector set of green, red, blue tourist tents for travel and camping front view isolated on white background Free Vector.

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