JANUARY
Makugihon

FEBRUARY
Mahigugmaon

MARCH
Matinabangon

APRIL
Matinahuron

MAY
Mahapsay og Malimpyo

JUNE
Maabtik og Masunod sa Ihsaktong Oras

JULY
Maantigo og Maabilidad

AUGUST
Maginhunahunaon para sa Uban

SEPTEMBER
Madaginoton

OCTOBER
Matinud-anon

NOVEMBER
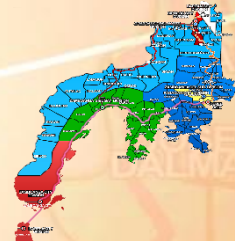Masaligan

DECEMBER
Maalamhon

Republic of the Philippines

Department of Education
Regional Office IX, Zamboanga Peninsula

1

Zest for Progress
Zeal of Partnership

MATHEMATICS
Quarter 3 - Module 3:
HALVES AND FOURTHS

Name of Learner: _____

Grade & Section: _____

Name of School: _____

What I Need to Know

In this module, you will learn to recognize the elements of sets into two groups of equal quantities to show halves and four groups of equal quantities to show fourths and also to gain more understanding about the elements of sets of a fraction of a whole.

Lesson 3	HALVES AND FOURTHS

Learning Competency:

- Visualize, represents, divides the elements of sets into two groups of equal quantities to show halves and four groups of equal quantities to show fourths

What I Know

Now, try to do this activity on your own to test your prior knowledge on how to identify the elements of sets of halves and fourths. You can do this!

Directions: Look at the picture below. Choose the correct answer from the given questions.
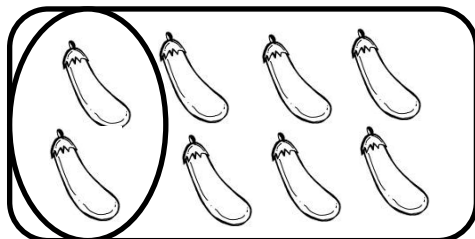
1. Which of the following picture shows halves?
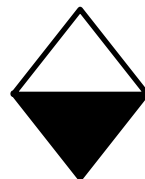
A. B. C.

2. What does this set of elements show?

A. Halves
B. Fourths
C. Halves and Fourths
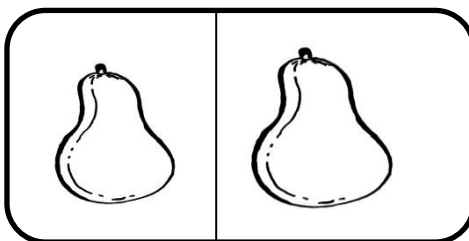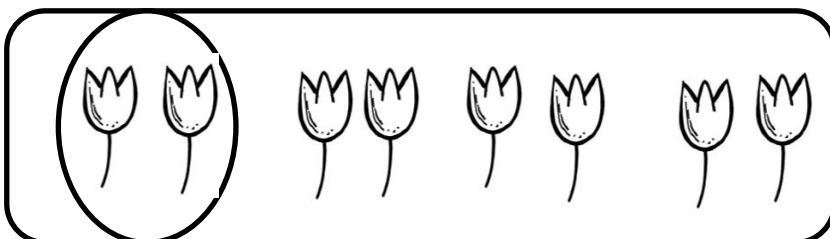
What's In

Try this activity before you proceed to the lesson.

Directions: Look at the pictures below. Write $\dfrac{1}{2}$ or $\dfrac{1}{4}$ on the blank provided.
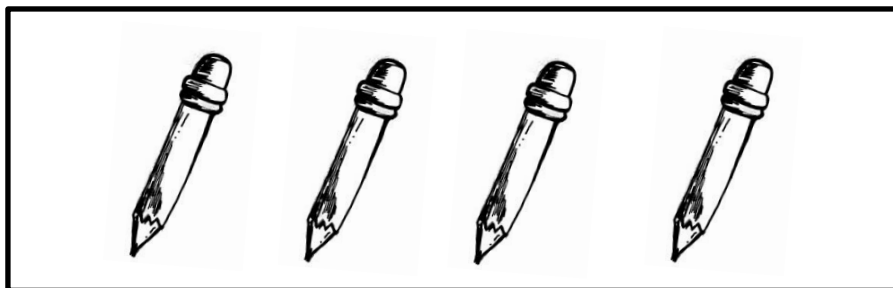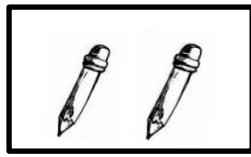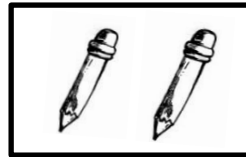
1. _____

2. _____

What's New

Look at the set.

Elsie has a set of four pencils. She gave the half of it to her sister Joy.
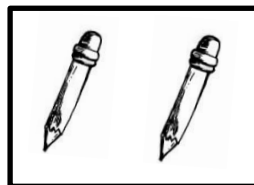Let's make two smaller sets.

Set A   Set B

These are two smaller sets
Let's call them set A and B
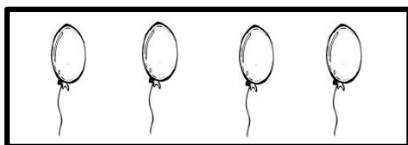Set A and B are equal.

Set A is one of two equal sets.
Set A is a **one-half** of the set of four pencils
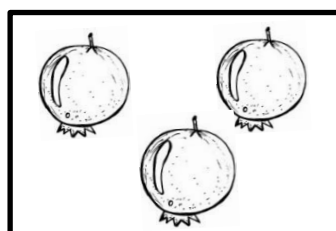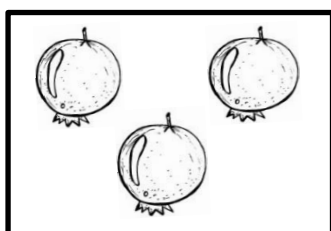$\dfrac{1}{2}$ of four pencils is 2.

The following show **halves** of the sets.

A. Analie had 8 balloons on her birthday. She gave the half of her balloons to her friends.
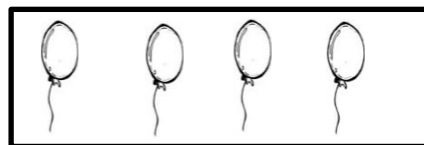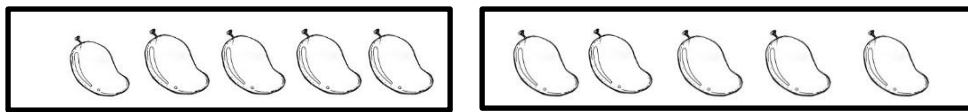

$\dfrac{1}{2}$ of 8 balloons is 4.

B. Roy had 6 guavas on his pocket. He gave to his brother the half of his guavas.

$\dfrac{1}{2}$ of 6 guavas is 3.

C. Remia had 10 mangoes. She gave the half of her mangoes to her grandmother.
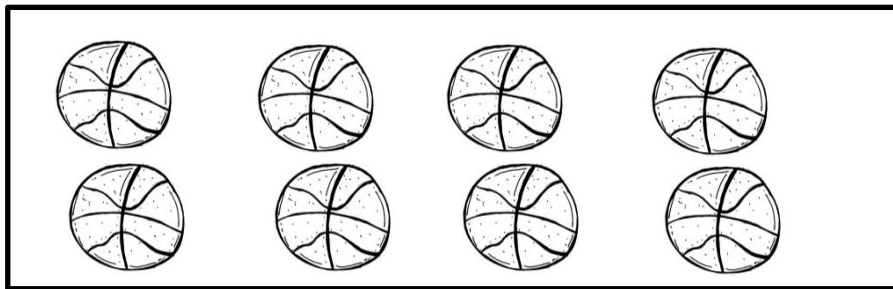

$\frac{1}{2}$ of ten mangoes is 5.

Remember:

One- half of set is one of two smaller sets.
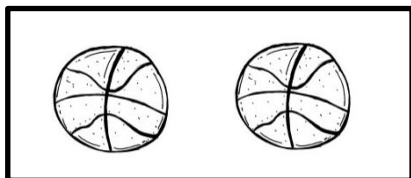The smaller sets are equal.

Here's another sets that show halves and fourths.
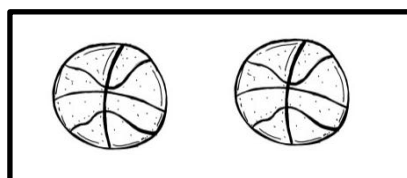
Let us make smaller sets.

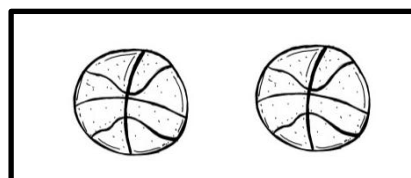
This is a set of eight balls.

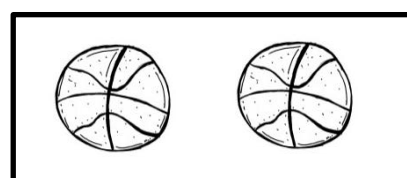Let's make four smaller sets.

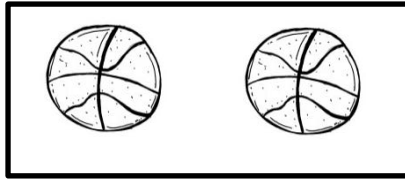Set A

Set B

Set C

Set D

These are four small sets.

Let us call them A, B, C, and D.
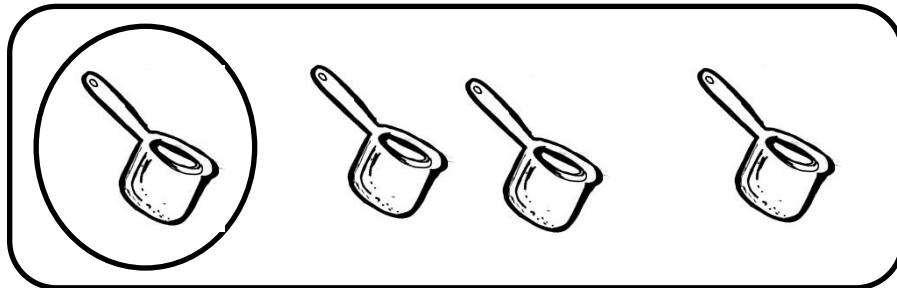
Sets A, B, C, and D are equal.

Let's take a look.

Set A is one of four equal sets.

Set A is **one- fourth** of the set of eight balls.

$\dfrac{1}{2}$ of eight balls is 2.

These pictures show **fourths** of the sets.

A.   Set of 4 deeper.
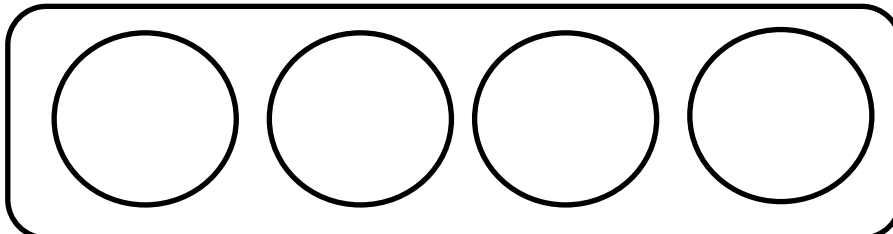

$\dfrac{1}{4}$ of four deeper is 1

Remember: One- fourth of the set is one of four smaller sets. The smaller sets are equal.
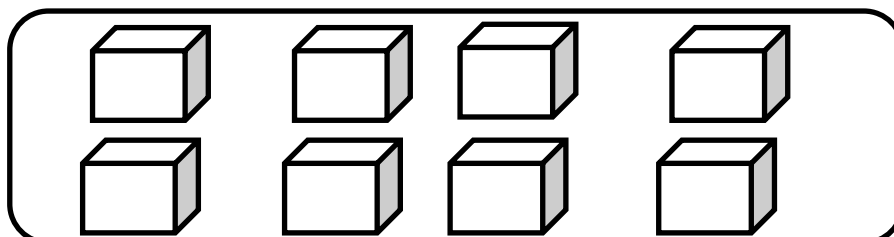
What is it

Directions: Look at the following pictures. Encircle $\dfrac{1}{2}$ of each set.
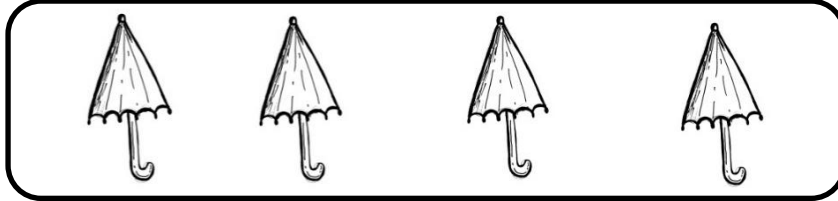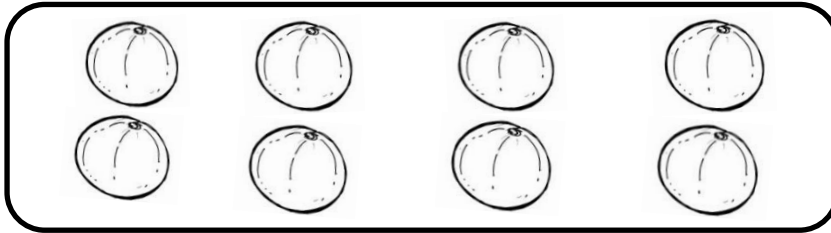
1.

2.

What's More

Activity 1. Directions: Look at the following pictures. Write(X) to each pictures that shows one-fourth.
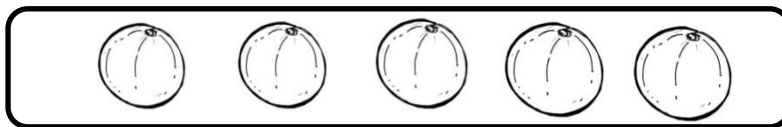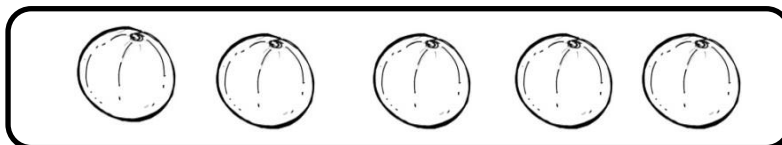
1.

2.

What I Can Do

Activity 1 Directions: Read the problem and encircle the correct answer.

1. Riza and Debbie went to the farm. They picked 10 santol fruits and divide it into two. How many set of santol fruits have Riza and Debbie?

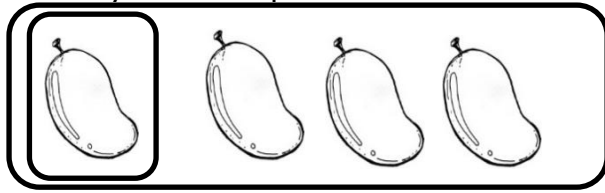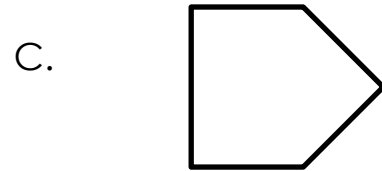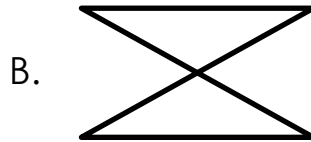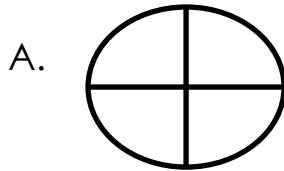| A. 1	B. 2	C. 3

Assessment

Directions: Look at the pictures below. Encircle the correct answer from the following question.

1. Identify the equivalent set of mangoes.

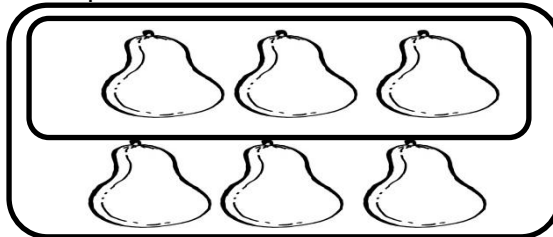A. Halves
B. Fourths
C. Halves and Fourths

2. Which pictures shows fourth

A.   B.   C.

3. What part is encircled?

A. Halves
B. Fourths
C. Halves and Fourths

References	**Development Team**
lrmds.deped.gov.ph /detail/6980 DepEd Learning Portal Accessed November 24, 2020	Writer: **Elvie A. Ordeniza** Siay Central Elementary School Siay Zamboanga Sibugay