

- JANUARY**
Makugihon
- FEBRUARY**
Mahigugmaon
- MARCH**
Matinabangon
- APRIL**
Matinahuron
- MAY**
Mahapday og Malimpyo
- JUNE**
*Maabti og Masunod sa
Iksaklong Oras*
- JULY**
Maantigo og Maabilidad
- AUGUST**
*Maginhuhunahunon
para sa Uban*
- SEPTEMBER**
Madaginaton
- OCTOBER**
Matinud-anon
- NOVEMBER**
Masaligan
- DECEMBER**
Maalampon



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



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

Mathematics

Quarter 3 - Module 6

SIMILAR FRACTIONS



Name of Learner: _____

Grade & Section: _____

Name of School: _____



What I Need to Know

At the end of module, you are expected to:

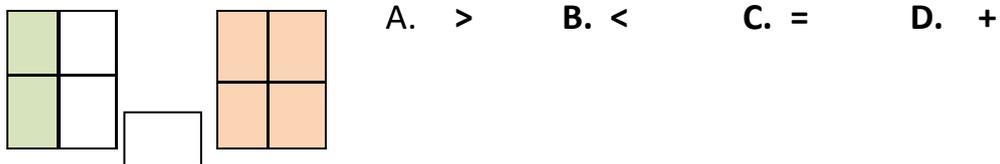
1. Compares similar fractions using relation symbols.



What I Know

Direction: Encircle the letter of the correct answer.

1. What relation symbol is used to compare the shaded parts?

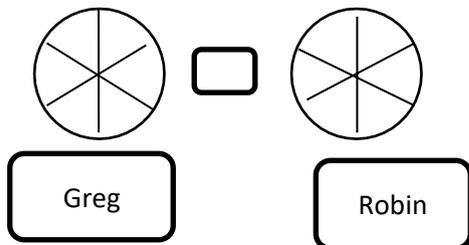


2. In $\frac{3}{7}$, $\frac{6}{7}$. What is the greater fraction? A. $\frac{3}{7}$ B. $\frac{4}{7}$ C. $\frac{5}{7}$ D. $\frac{6}{7}$

3. What symbol is used to compare these fractions? $\frac{8}{15}$
 $\frac{5}{15}$ A. $>$ B. $<$ C. $=$ D. $+$

4. Carlo cut a piece of sugar cane into 5 parts. He ate $\frac{3}{5}$ of them and gave the lesser parts to his friend. Which parts were given to his friend?
A. $\frac{2}{5}$ B. $\frac{3}{5}$ C. $\frac{4}{5}$ D. $\frac{5}{5}$

5. Greg ate $\frac{1}{6}$ of a pizza. Robin ate $\frac{3}{6}$ of the same pizza. Now color red for the parts eaten by Greg and yellow for Robin. Who ate more? Write the relation symbol on the

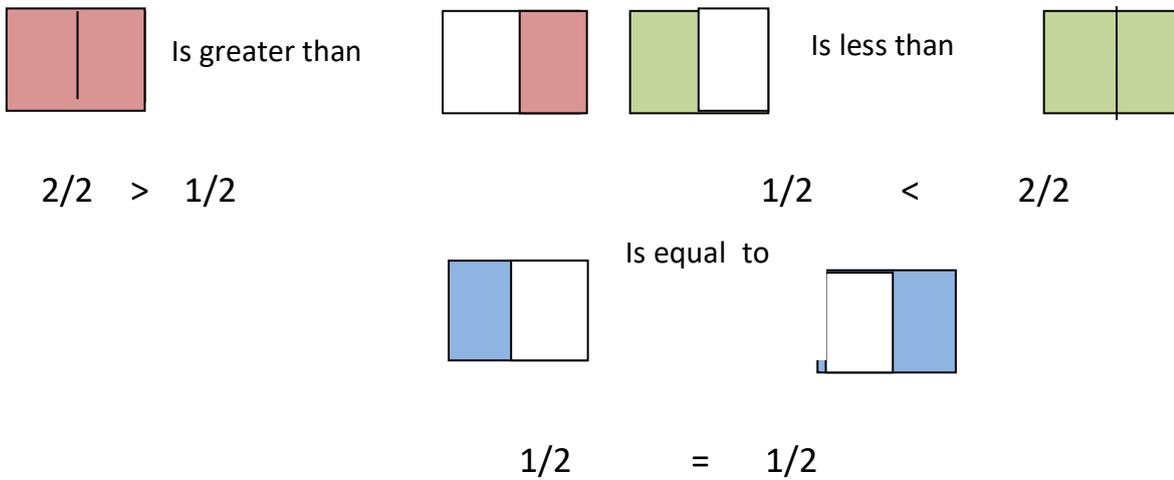




What is it

In comparing similar fractions like $\frac{5}{6}$ and $\frac{3}{6}$, simply identify the bigger numerator, so $\frac{5}{6}$ is greater than $\frac{3}{6}$, you write it as $\frac{5}{6} > \frac{3}{6}$. If the numerator is smaller like $\frac{3}{6}$, use less than to compare $\frac{5}{6}$, so you will write $\frac{3}{6} < \frac{5}{6}$. But if the two similar fractions have the same numerators like $\frac{3}{6}$ and $\frac{3}{6}$, use equal to. Write it as $\frac{3}{6} = \frac{3}{6}$.

Examples;





What I Have Learned

Activity 4: Match Me

Directions: Read and understand each statement carefully. Match column A with column B. Write only the letter.

Column A

- ___ 1. Symbol of greater than
- ___ 2. The same denominators
- ___ 3. Symbol of less than
- ___ 4. Equal to $5/15$
- ___ 5. Symbol of equal

Column B

- A. =
- B. $5/15$
- C. >
- D. Similar fractions
- E. <

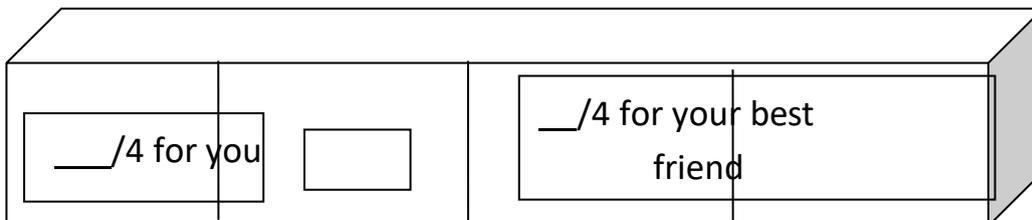


What I Can Do

Activity 5:1 Do it Honestly for Me

Directions:

Show how would you share a part of chocolate to your best friend. Color yellow the part of chocolate which is for you then color red the part of chocolate which is for your best friend. Then compare them.





What I Need to Know

At the end of lesson, you are expected to:

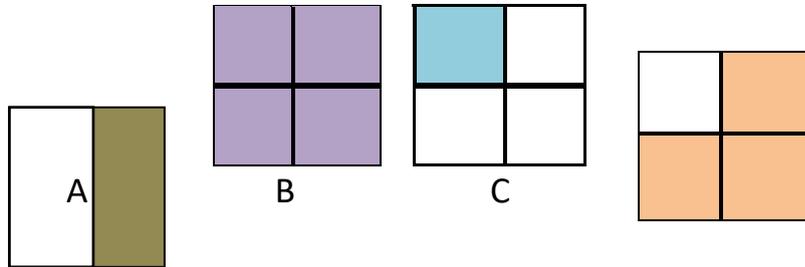
1. Arranges similar fractions in increasing or decreasing order.



What I Know

Direction. Write the letter of the correct answer on the space provided for.

___ 1. What is the correct order of the fractions from least to greatest?



- A. A,B,C,D B. B,C,D,A C. C,A,D,B D. D,A,B,C

___ 2. What is the correct order of the fractions from greatest to least? $\frac{4}{15}$, $\frac{8}{15}$, $\frac{10}{15}$, $\frac{6}{15}$

- A. $\frac{10}{15}$, $\frac{6}{15}$, $\frac{4}{15}$, $\frac{8}{15}$
 B. $\frac{10}{15}$, $\frac{8}{15}$, $\frac{6}{15}$, $\frac{4}{15}$
 C. $\frac{8}{15}$, $\frac{10}{15}$, $\frac{6}{15}$, $\frac{4}{15}$
 D. $\frac{6}{15}$, $\frac{4}{15}$, $\frac{8}{15}$, $\frac{6}{15}$

___ 3. Number the fractions 1,2,3,4 from least to greatest.

- | | |
|--------------------|------------|
| ___ $\frac{8}{10}$ | A. 3,4,1,2 |
| ___ $\frac{9}{10}$ | B. 4,3,2,1 |
| ___ $\frac{6}{10}$ | C. 2,1,3,4 |
| ___ $\frac{7}{10}$ | D. 1,2,3,4 |



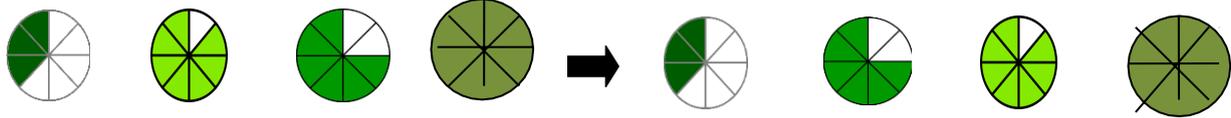
What is it

In ordering similar fractions like $\frac{1}{10}, \frac{3}{10}, \frac{4}{10}, \frac{2}{10}$ in increasing order or from least to greatest, simply arrange the numerators in increasing order

1,2,3,4

as $\frac{1}{10}, \frac{2}{10}, \frac{3}{10}, \frac{4}{10}$

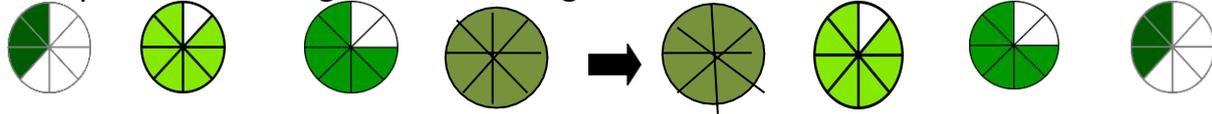
Examples: In increasing order or from least to greatest.



$\frac{3}{8}, \frac{7}{8}, \frac{6}{8}, \frac{8}{8}$ in increasing order?

Answer : $\frac{3}{8}, \frac{6}{8}, \frac{7}{8}, \frac{8}{8}$

Example in decreasing order or from greatest to least



Ordering similar fractions $\frac{3}{8}, \frac{7}{8}, \frac{6}{8}, \frac{8}{8}$ in decreasing order or from greatest to least. Arrange the numerators in decreasing order or from greatest to least
8, 7, 6, 3 as $\frac{8}{8}, \frac{7}{8}, \frac{6}{8}, \frac{3}{8}$.

Another example:

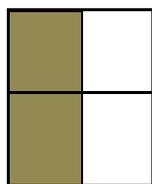
$\frac{6}{12}, \frac{3}{12}, \frac{4}{12}, \frac{5}{12}$ in decreasing order?

Answer: $\frac{6}{12}, \frac{5}{12}, \frac{4}{12}, \frac{3}{12}$

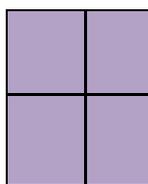
Assessment

Directions. Write the letter of the correct answer on the space provided for.

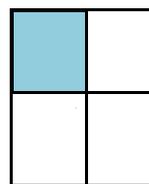
_____ 1. What is the correct order of the fractions from least to greatest?



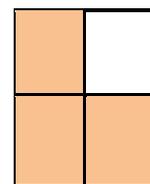
A



B



C



D

A.) A,B,C,D

B. B,C,D,A

C.) D,A,B,C

D.) C,A,D,B

___2. What is the correct order of the fractions from greatest to least?
(4/15 , 8/15 , 10/15 , 6/15)

- A. 10/15 ,6/15, 4/15 , 8/15
- B. 8/15,10/15,6/15,4/15
- C. 10/15,8/15,6/15 ,4/15
- D. 6/15, 4/15 , 8/15,6/15

___3. Number the fractions 1,2,3,4 from least to greatest.

- A. 4,3,2,1
- B. 3,4,1,2
- C.2,1,3,4
- D.1,2,3,4

___8/10
___9/10
___6/10
___7/10

4. Arrange the length of the ribbons in increasing order, based on the situation inside the box below.

- A. blue, red, green, yellow ribbons
- B. yellow, blue, red, green ribbons
- C. red, green, yellow, blue ribbons
- D. green, yellow, blue, red ribbons

Carol was working on her project. She bought $\frac{4}{15}$ meter of red ribbon, $\frac{3}{15}$ meter of blue ribbon, $\frac{5}{15}$ meter of green ribbon and $\frac{2}{15}$ meter of yellow ribbon.

5. Based on the problem no.4.

Arrange the length of the ribbons in decreasing order.

- A. green, red, blue, yellow ribbons
- B. yellow, blue, red, green ribbons
- C. red, green, yellow, blue ribbons
- D. green, yellow, blue, red ribbons

REFERENCES

Kagamitanng Mag-aaral sa Sinugbuanong Bisaya
Unang Edisyon, 2013 ISBN: 978-971-9990-94-9 Publish by
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<https://www.math-only-math.com>

<https://www.mathgoodies.com> www.google.com

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