

Mathematics 1

Microlearning Module

QUARTER 4 – Module 2

Comparing $\frac{1}{2}$ and $\frac{1}{4}$ Using Models



Mathematics 1

Microlearning Module (MLM)

Quarter 4 – Module 2: Comparing $\frac{1}{2}$ and $\frac{1}{4}$ Using Models

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MICROLEARNING MODULE

Pangalan: _____ Baitang at Pangkat: _____ Iskor: _____

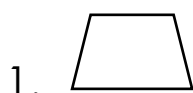
Asignatura: _____ Kuwarter: _____ MLM Bilang. _____

Guro: _____

Kasanayang Pagkatuto: Compare $\frac{1}{2}$ and $\frac{1}{4}$ using models

A. Ating Balikan!

Panuto: Hatiin ang mga bagay ayon sa hinihinging *fraction*.



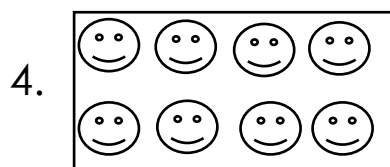
$\frac{1}{2}$ o kalahati



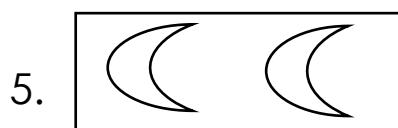
$\frac{1}{4}$ o sangkapat



$\frac{1}{2}$ o kalahati



$\frac{1}{4}$ o sangkapat



$\frac{1}{2}$ o kalahati

B. Ano'ng Bago?

Panuto: Basahin ang kuwento at sagutin ang mga tanong.

Ang Gutom na Buwaya

ni: Remalou M. Acero

Gutom na gutom na ang buwaya kaya naghanap siya ng makakain. Sa 'di kalayuan, nakahanap siya ng dalawang pirasong karne. Ang isang piraso ay nahahati sa dalawang bahagi at ang isa naman ay nahahati sa apat.

Napansin niya na ang kaibigan niya'y gutom na rin. Kaya, napagpasyahan niyang ibigay ang mas maliit na karne at sa kaniya ang mas malaking karne.

Ano sa palagay mo ang napuntang karne sa unang buwaya? sa ikalawang buwaya?

C. Ano ito?

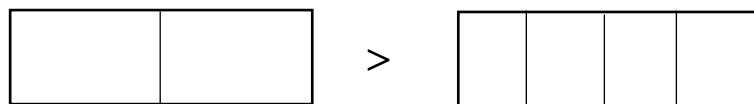
Ang $\frac{1}{2}$ o kalahati ay nahahati sa dalawang bahagi na may magkaparehong laki. Ang $\frac{1}{4}$ o isang-kapat naman ay nahahati sa apat na may magkaparehong laki. Kung ihahambing ang laki ng $\frac{1}{2}$ sa $\frac{1}{4}$, **mas malaki ang $\frac{1}{2}$ kaysa sa $\frac{1}{4}$.** Sa paghahambing ng *fraction*, ginagamit ang mga simbolong $<$, $>$ at $=$.

Halimbawa ng paggamit ng simbolong <.

$$\frac{1}{4} < \frac{1}{2}$$

Ang simbolong < ay ginagamit kung mas maliit ang unang *fraction* na inihahambing sa ikalawang *fraction*.

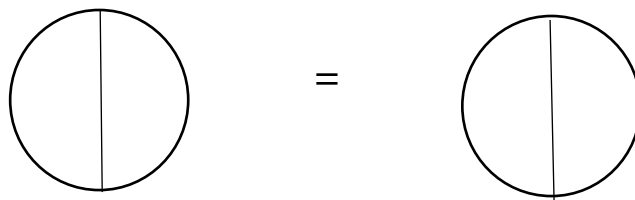
Halimbawa ng paggamit ng simbolong >.



Ang simbolong > ay ginagamit kung mas malaki ang unang *fraction* na inihahambing sa ikalawang *fraction*.

.

Halimbawa ng paggamit ng simbolong =.



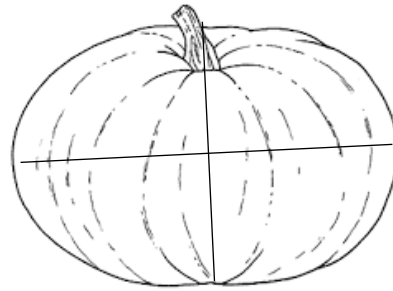
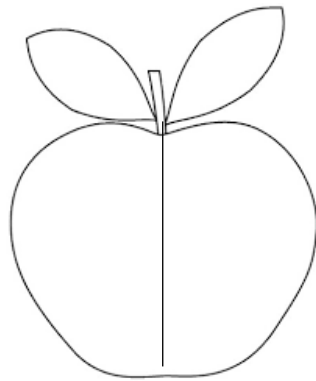
Ang simbolong = ay ginagamit kung pareho ang laki o ang *value* ng dalawang *fraction* na pinaghahambing.

D. Ating Subukin!

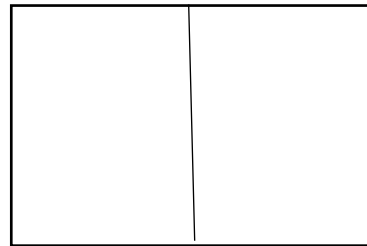
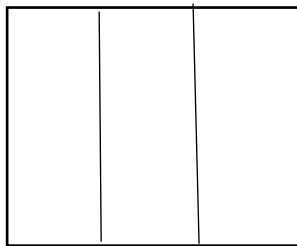
Gawain 1

Panuto: Ikahon ang *fraction* na nagpapakita ng mas malaking bahagi o *value*.

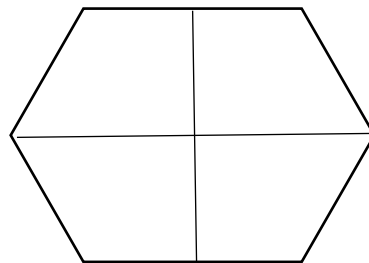
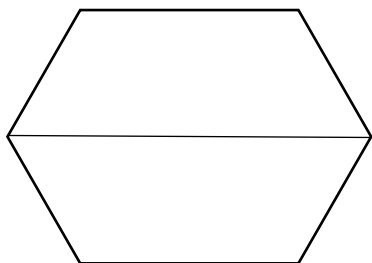
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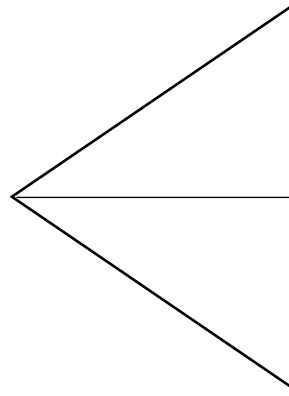
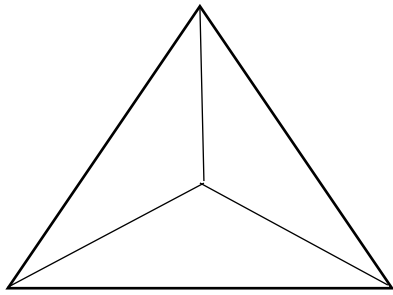
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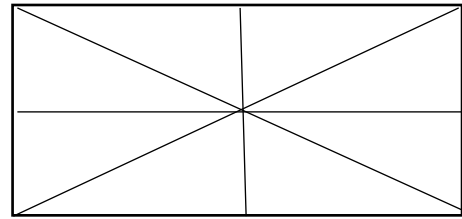
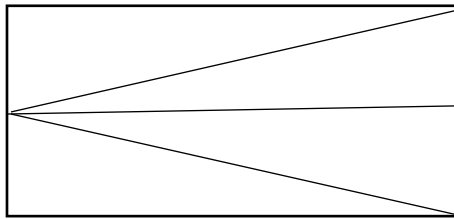
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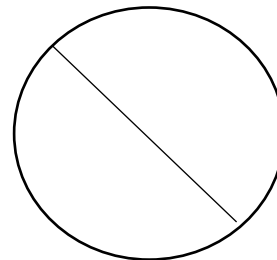
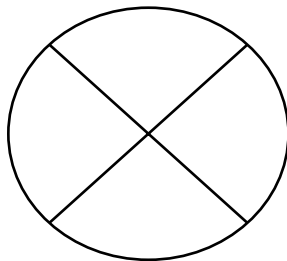
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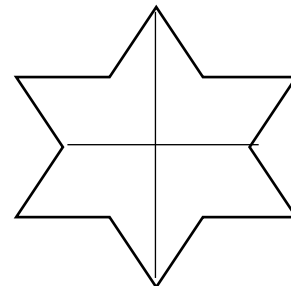
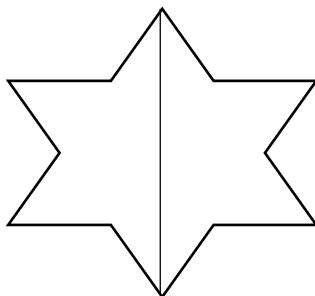
Gawain 2

Panuto: Bilugan ang *fraction* na nagpapakita ng mas maliit na *value*.

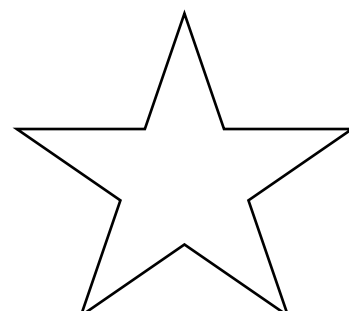
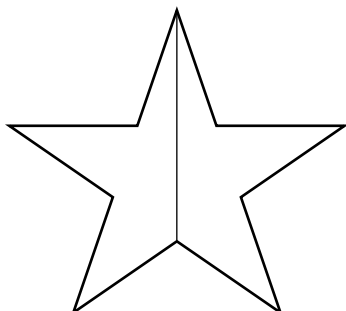
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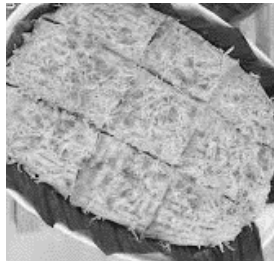
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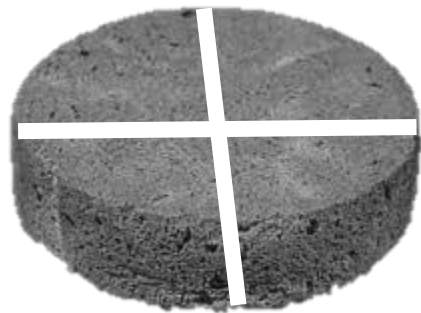
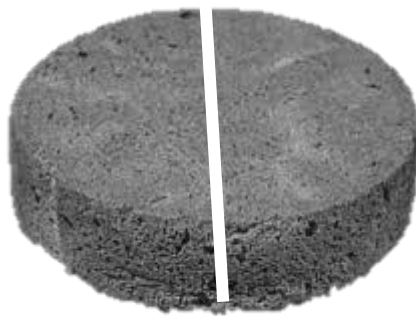
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4.



5.



Gawain 3

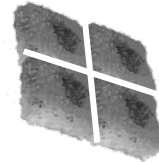
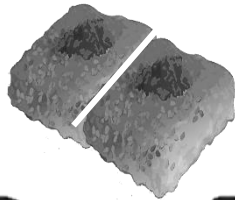
Panuto: Gumuhit sa kahon ng larawan o hugis na may parehong *value* ng *fraction*.



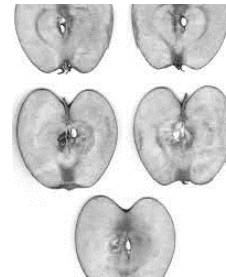
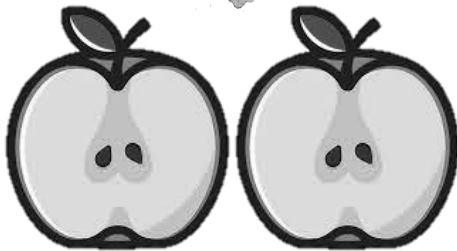
E. Tayahin Natin!

Panuto: Paghambingin ang mga *fractions* gamit ang mga simbolong $<$, $>$ at $=$. Isulat ang sagot sa loob ng kahon.

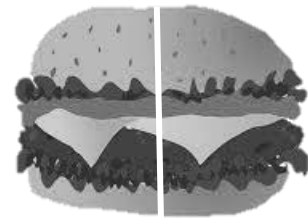
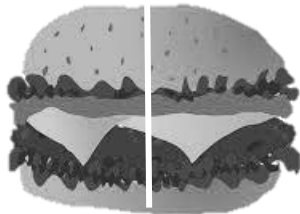
1.



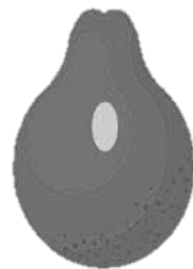
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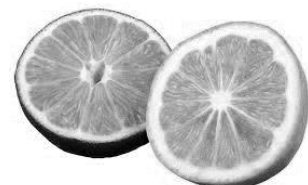
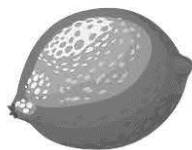
3.



4.



5.



Challenge

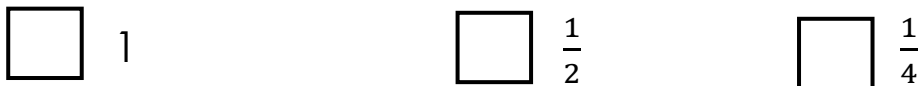
Directions: Read and understand the story. Answer the given questions below by ticking the box.

Risa and her mother, together with her little sister, attended a birthday party of their neighbor. Mother told Risa to get one half slice of maja blanca for her little sister. Her little sister was very happy and thankful for Risa.

1. Which picture shows one half of a whole?



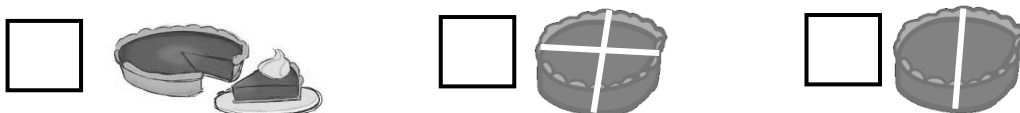
2. What is the fraction symbol for one half?



3. Which of the following picture shows least value?



4. Which of the following picture shows great value?



5. What values did Risa show for her little sister?

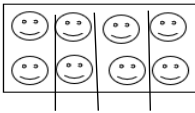


Answers Key

Mathematics 1

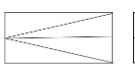
Quarter 4 – Module 2: Comparing $\frac{1}{2}$ and $\frac{1}{4}$ Using Models

Ating Balikan!

1. 
2. 
3. 
4. 
5. 

Ating Subukin!

Gawain 1

1. 
2. 
3. 
4. 
5. 

Tayahin Natin!

1. $>$
2. $>$
3. $=$
4. $<$
5. $>$

Challenge

1. 
2. $\frac{1}{2}$
3. 
4. 
5. generosity

Ating Subukin!

Gawain 2

1. 
2. 
3. 
4. 
5. 

F. Mga Sanggunian

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Padillo, Danilo, Rodrigo Pascua, Lolita Dacuba, Marivic Calelao, Dahlia Silvania, at Maybellene Abrencillo. 2017. *Mathematics 1 Kagamitan ng Mag-aaral*. Korea: Prinpia Co., Ltd.

Ogena, Ester. 2004. *Grade 1 Mathematics Beyond Numbers*

Shimmer of Silver. [6 October 2023].<https://www.deviantart.com/shimmerofsilver/art/Drawtober-day-5-Pumpkin-Pie-986463658>

Yummy Kitchen TV.Com. [6 January 2021].<https://yummykitchentv.com/nilupak/>

Zilacayotitlan. [12 August 2010].https://commons.wikimedia.org/wiki/File:Escudo_de_zila.gif

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