

# Mathematics 1

## Microlearning Module

QUARTER 3 – Module 5

*Illustrating Subtraction Involving  
Numbers Up to 20*



REGION XII - DIVISION OF SULTAN KUDARAT



REGION XII - DIVISION OF SULTAN KUDARAT

GOVERNMENT PROPERTY  
NOT FOR SALE

## **Mathematics 1**

### **Microlearning Module (MLM)**

#### **Quarter 3 – Module 5: Illustrating Subtraction Involving Numbers Up to 20**

**First Edition, 2024**

Republic Act 8293, Section 176 states that “No copyright shall subsist in any work of the Government of the Philippines.” However, obtaining prior approval from the government agency or office where the work originated is required for the commercial use of such work. This agency or office may, among other things, impose as a condition the payment of royalties.

Materials borrowed for this module (e.g., songs, stories, poems, images, brand names, trademarks, etc.) are the property of their respective copyright owners. The publisher and authors do not assert ownership or representation over them.

**Published by the Department of Education- RO XII, Division of Sultan Kudarat**

#### **Development Team**

Writer : Dana Rica V. Maroquin

Editor : Judy Ann C. Barretto, Hazel D. Olegario, Elsie S. Yson,

Evaluator : Marybeth F. Palma, PhD

Illustrator : Dinmark L. Malones

Cover Art Designer: Jann Mark P. Oriel

Management Team: Crispin A. Soliven Jr., CESE – Schools Division Superintendent  
Meilrose B. Peralta, EdD – Asst. Schools Division Superintendent  
Ismael M. Ambalgan – CID Chief  
Sheryl L. Osano – EPS, LRMS  
Rodolfo B. Bermudo Jr. – EPS, Mathematics

**Printed in the Philippines by**

**Department of Education – Region XII, Division of Sultan Kudarat**

Office Address: Kenram, Isulan, Sultan Kudarat

Telefax: 064-471-1007

E-mail Address: [depedsk.r12@deped.gov.ph](mailto:depedsk.r12@deped.gov.ph)

## MICROLEARNING MODULE

Pangalan: \_\_\_\_\_ Baitang at Pangkat: \_\_\_\_\_ Iskor: \_\_\_\_\_

Asignatura: \_\_\_\_\_ Kuwarter: \_\_\_\_\_ MLM Bilang. \_\_\_\_\_

Guro: \_\_\_\_\_

Kasanayang Pagkatuto: Illustrate subtraction involving numbers up to 20 using a variety of concrete and pictorial models, and describe subtraction as "taking away"

---

### A. Balikan Natin!

**Panuto:** Punan ng tamang sagot ang mga tanong. Isulat ang sagot sa sulatang papel batay sa ipinakitang *pictograph*.

| Mga Gulay | Bilang ng mga Gulay                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| sayote    |  |  |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| carrot    |  |  |  |  |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| talong    |  |  |  |  |  |  |  |  |
| kalabasa  |  |  |  |  |  |  |                                                                                       |                                                                                       |

Mga Tanong:

1. Anong gulay ang pinakamarami?

\_\_\_\_\_

2. Anong gulay ang pinakakaunti?

\_\_\_\_\_

3. Ilan lahat ang mga gulay?

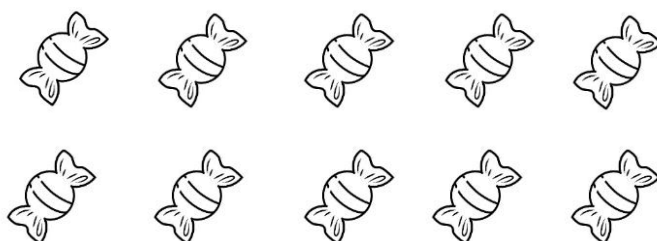
---

## B. Anong Bago?

**Panuto:** Basahin ang talata at sagutin ang tanong.

Si Pamela ay may sampung kendi. Ibinigay niya ang apat na kendi kay Boyet. Ilan ang natirang kendi kay Pamela?

Kung ikaw si Pamela, ipakita sa larawan ang ibinigay at ang natirang kendi.



## C. Ano Ito?

Ang **subtraction** ay ang pagbabawas mula sa kabuuang bahagi.

Upang mas madaling maintindihan, maaari nating gamitin ang mga konkretong bagay o larawan sa pagbabawas. Markahan o alisin ang ibabawas at bilangin ang mga natira.

Ang *minuend* ay ang bilang na binabawasan.

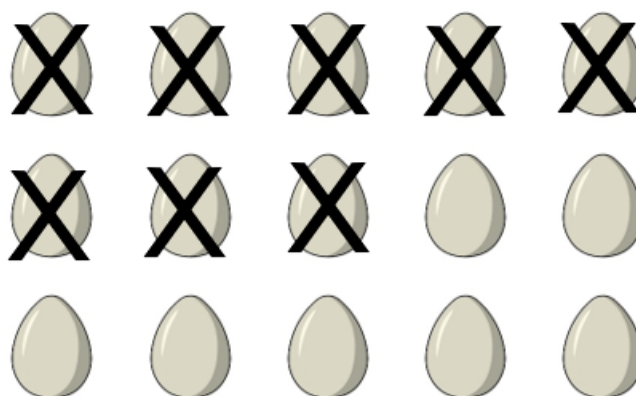
Ang *subtrahend* ay ang bilang na ibinawas.

*Difference* naman ang tawag sa sagot ng pagbabawas o *subtraction*.

Ang *minus* ( - ) naman ang simbolo ng ginagamit sa *subtraction*.

Halimbawa:

Bumili si Nanay Inday ng labinglimang itlog sa palengke. Niluto niya ang walo (8). Ilan ang natirang itlog?



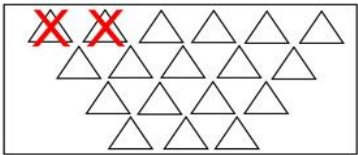
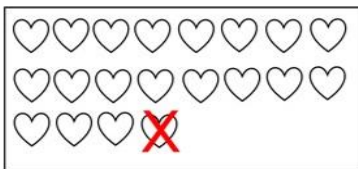
Ang mga itlog na may ekis ay ang mga niluto ni Nanay at ang mga itlog na walang ekis ang naiwan sa kaniya. Pito lahat ang naiwang itlog kay Nanay.

## D. Ating Subukin!

### Gawain 1

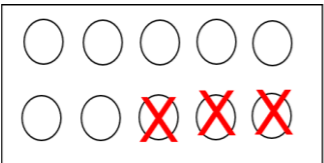
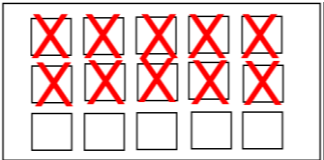
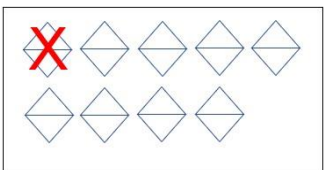
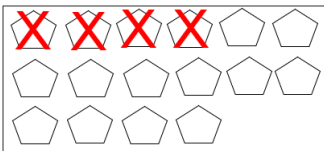
**Panuto:** Pagtambalin ang guhit ng larawan sa Hanay A sa ipinapakita ng *number sentence* sa Hanay B.

Halimbawa:

|    |                                                                                   |   |   |               |
|----|-----------------------------------------------------------------------------------|---|---|---------------|
| 1. |  | • | • | $20 - 1 = 19$ |
| 2. |  | • | • | $18 - 2 = 16$ |

### Hanay A

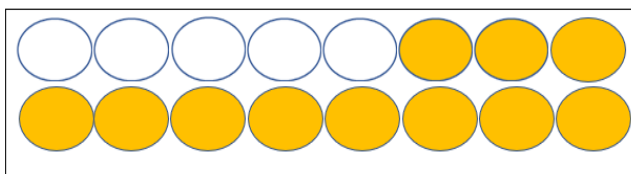
### Hanay B

|    |                                                                                     |   |   |               |
|----|-------------------------------------------------------------------------------------|---|---|---------------|
| 1. |  | • | • | $16 - 4 = 12$ |
| 2. |  | • | • | $12 - 4 = 8$  |
| 3. |  | • | • | $10 - 3 = 7$  |
| 4. |  | • | • | $9 - 1 = 8$   |
| 5. |  | • | • | $15 - 10 = 5$ |

## Gawain 2

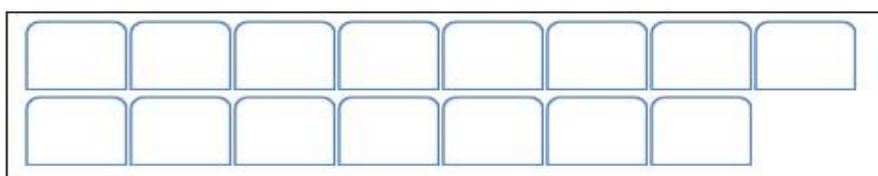
**Panuto:** Kulayan ang ibinawas at punan ng tamang sagot ang patlang.

Halimbawa:



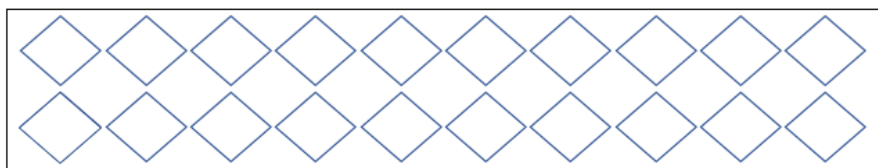
$$16 - 11 = \underline{5}$$

1.



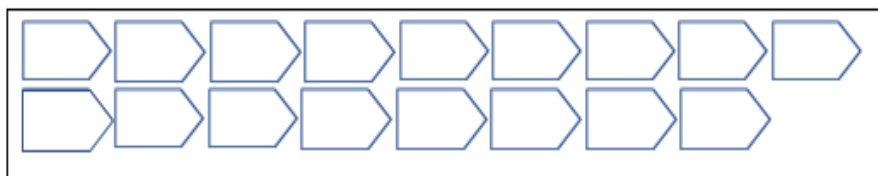
$$15 - 2 = \underline{\hspace{2cm}}$$

2.



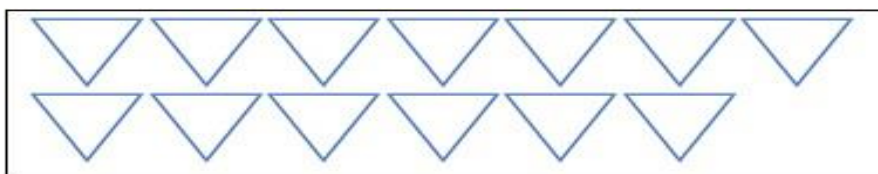
$$20 - 9 = \underline{\hspace{2cm}}$$

3.



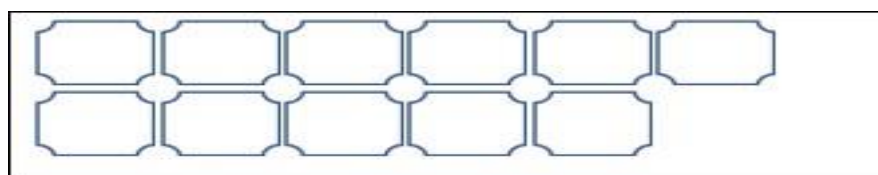
$$17 - 5 = \underline{\hspace{2cm}}$$

4.



$$13 - 4 = \underline{\hspace{2cm}}$$

5.

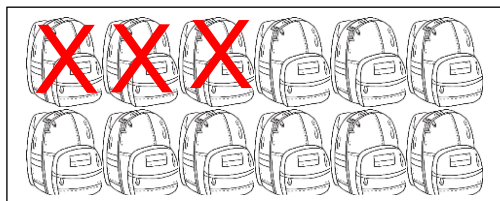


$$11 - 7 = \underline{\hspace{2cm}}$$

### Gawain 3

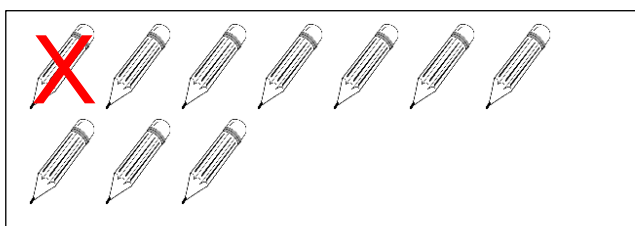
**Panuto:** Ibigay ang *number sentence* at tamang sagot.

Halimbawa:



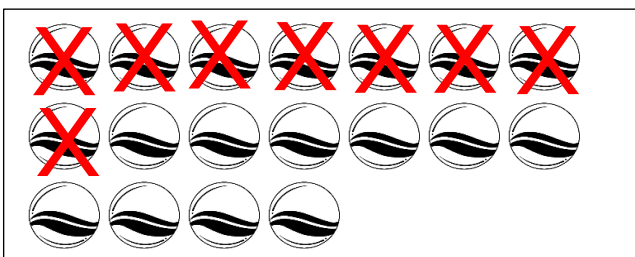
$$\underline{12 - 3 = 9}$$

1.



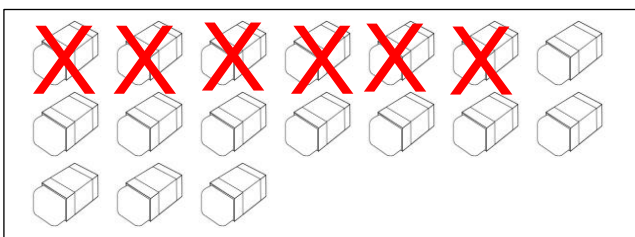
\_\_\_\_\_

2.



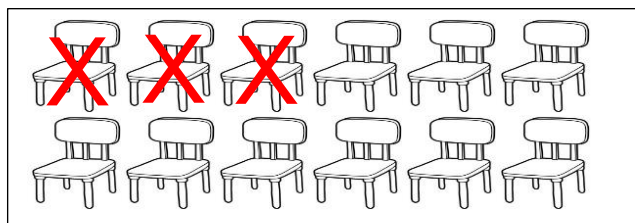
\_\_\_\_\_

3.



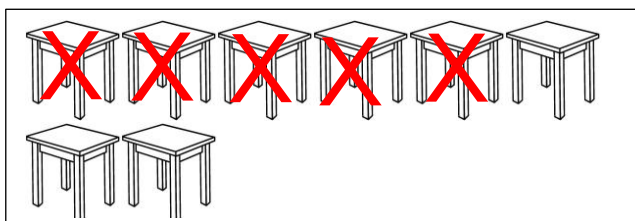
\_\_\_\_\_

4.



\_\_\_\_\_

5.

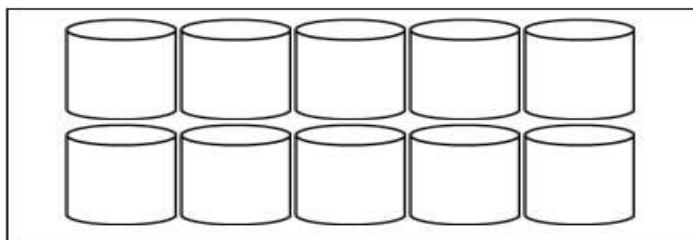


\_\_\_\_\_

## E. Tayahin Natin!

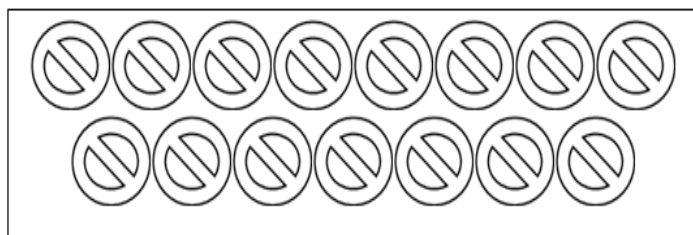
**Panuto:** Lagyan ng ekis (x) ang larawan upang Maipakita ang tamang number sentence o pamilang ng pangungusap. Isulat ang tamang sagot sa sagutang papel.

1.



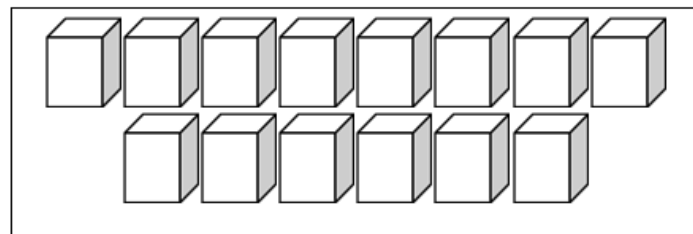
$$10-5=\underline{\hspace{2cm}}$$

2.



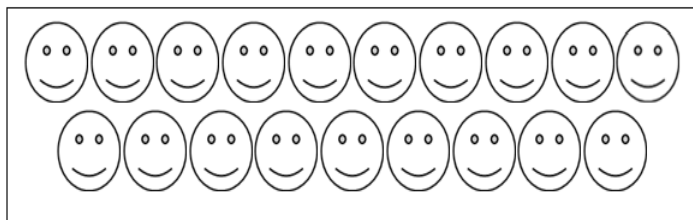
$$15-3=\underline{\hspace{2cm}}$$

3.



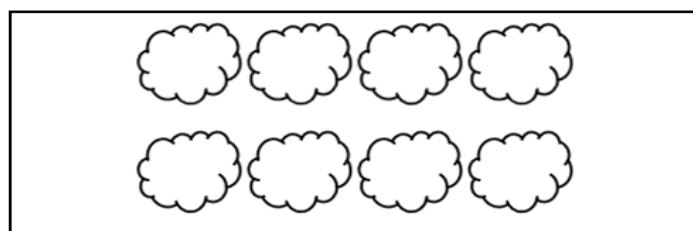
$$14-6=\underline{\hspace{2cm}}$$

4.



$$19-6=\underline{\hspace{2cm}}$$

5.



$$8-5=\underline{\hspace{2cm}}$$

## Challenge

**Directions:** Using any shape that you like, illustrate subtraction involving the given numbers below by putting (x) to the subtrahend. Write your answer in a separate sheet of paper.

1.  $13 - 9 = 4$



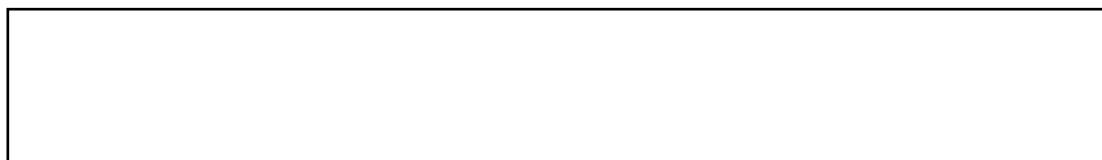
2.  $20 - 14 = 6$



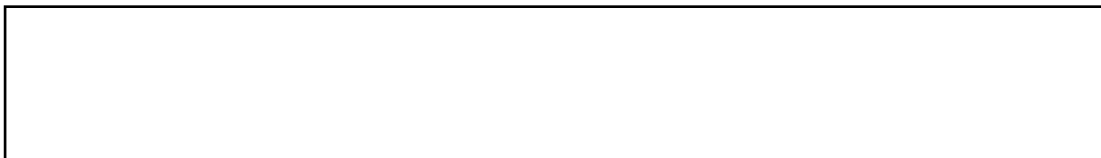
3.  $7 - 3 = 4$



4.  $16 - 7 = 9$



5.  $18 - 5 = 13$



## F. References

DepEd. Mathematics MATATAG Curriculum Guide. 2023.

Mam Mishel TV Channel. "Addition o Pagdaragdag // Pagsasama ng mga Pangkat." December 30, 2020.  
<https://www.youtube.com/watch?v=d7FSwd7wvnc>.

Padilla, Danilo S., Rodrigo V. Pascua, Lolita P. Dacuba, Marivic M. Calelao, Dahlia L. Silvania, and Maybellene A. Garlejo. *Mathematics: Kagamitan ng Mag-aaral*. Seoul: Republika ng Korea ng Prinpia Co., Ltd., 2017.

### **DISCLAIMER**

This Microlearning Module has been developed by DepEd - Division of Sultan Kudarat for educational purposes only. It is designed to supplement classroom instruction and should not be used as the sole source of information. Teachers are encouraged to exercise their professional discretion and tailor the content to suit their students' individual needs.

This resource is the exclusive property of DepEd-Division of Sultan Kudarat and is accessible to enrolled learners solely for academic purposes, at no cost. Any reproduction or conversion of this material in any form is strictly prohibited.

**REGION XII - DIVISION OF SULTAN KUDARAT**

## Answer Key

Mathematics 1

Quarter 3 – Module 5: Illustrating Subtraction Involving Numbers Up to 20

### A. Ating Balikan

### D. Ating Subukin!

|                                 | Gawain 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Gawain 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Gawain 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. talong<br>2. sayote<br>3. 20 | <div style="text-align: center;"> <b>Hanay A</b> </div> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <span style="margin-right: 5px;">1.</span> <div style="border: 1px solid black; padding: 2px;"> </div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <span style="margin-right: 5px;">2.</span> <div style="border: 1px solid black; padding: 2px;"> </div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <span style="margin-right: 5px;">3.</span> <div style="border: 1px solid black; padding: 2px;"> </div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <span style="margin-right: 5px;">4.</span> <div style="border: 1px solid black; padding: 2px;"> </div> </div> <div style="display: flex; align-items: center;"> <span style="margin-right: 5px;">5.</span> <div style="border: 1px solid black; padding: 2px;"> </div> </div> </div> | <div style="text-align: center;"> <b>Hanay B</b> </div> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <span style="margin-right: 5px;">1.</span> <div style="border: 1px solid black; padding: 2px;"> <math>16-4=12</math> </div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <span style="margin-right: 5px;">2.</span> <div style="border: 1px solid black; padding: 2px;"> <math>12-4=8</math> </div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <span style="margin-right: 5px;">3.</span> <div style="border: 1px solid black; padding: 2px;"> <math>10-3=7</math> </div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <span style="margin-right: 5px;">4.</span> <div style="border: 1px solid black; padding: 2px;"> <math>9-1=8</math> </div> </div> <div style="display: flex; align-items: center;"> <span style="margin-right: 5px;">5.</span> <div style="border: 1px solid black; padding: 2px;"> <math>15-10=5</math> </div> </div> </div> | <div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <span style="margin-right: 5px;">1.</span> <div style="border: 1px solid black; padding: 2px;"> <math>10-1=9</math> </div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <span style="margin-right: 5px;">2.</span> <div style="border: 1px solid black; padding: 2px;"> <math>18-8=10</math> </div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <span style="margin-right: 5px;">3.</span> <div style="border: 1px solid black; padding: 2px;"> <math>17-6=11</math> </div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <span style="margin-right: 5px;">4.</span> <div style="border: 1px solid black; padding: 2px;"> <math>12-3=9</math> </div> </div> <div style="display: flex; align-items: center;"> <span style="margin-right: 5px;">5.</span> <div style="border: 1px solid black; padding: 2px;"> <math>8-5=3</math> </div> </div> </div> |

### E. Ating Tayahin

### Challenge

|    |  |                       |
|----|--|-----------------------|
| 1. |  | $10-5=\underline{5}$  |
| 2. |  | $15-3=\underline{12}$ |
| 3. |  | $14-6=\underline{8}$  |
| 4. |  | $19-6=\underline{13}$ |
| 5. |  | $8-5=\underline{3}$   |

1. answer may vary
2. answer may vary
3. answer may vary
4. answer may vary
5. answer may vary