

Mathematics 1

Microlearning Module

QUARTER 4 – Module 8

Identifying the Position of Objects Moved in Half turn or in Quarter Turn, in Clockwise or in Counter-Clockwise Direction, Given an Initial Facing Direction



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Microlearning Module (MLM)

Quarter 4 – Module 8: Identifying the Position of Objects Moved in Half turn or in Quarter Turn, in Clockwise or in Counter-Clockwise Direction, Given an Initial Facing Direction

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MICROLEARNING MODULE

Pangalan: _____ Baitang at Pangkat: _____ Iskor: _____

Asignatura: _____ Kuwarter: _____ MLM Bilang. _____

Guro: _____

Kasanayang Pagkatuto: Identify the position of objects moved in half turn or in quarter turn, in clockwise or in counter-clockwise direction, given an initial facing direction

A. Ating Balikan!

Panuto: Basahin ang isang maikling suliranin at bilugan ang titik ng tamang sagot.

Bumili si Lina ng Php20 kakanin at Php35 na singkamas sa palengke. Magkano lahat ang binili ni Lina?

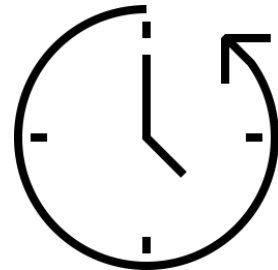
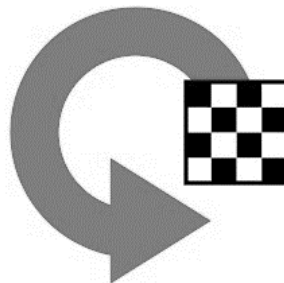
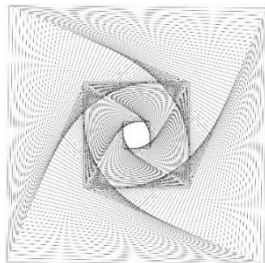
- A. Php45
- B. Php50
- C. Php55

Si Ricardo ay may Php95 sa kanyang bulsa. Nagbayad siya ng *cellphone load* sa halagang Php59. Magkano ang naiwan niyang pera?

- A. Php34
- B. Php35
- C. Php36

B. Ano'ng Bago?

Panuto: Tingnan ang mga larawan. Ano ang galaw na ipinapakita nito?

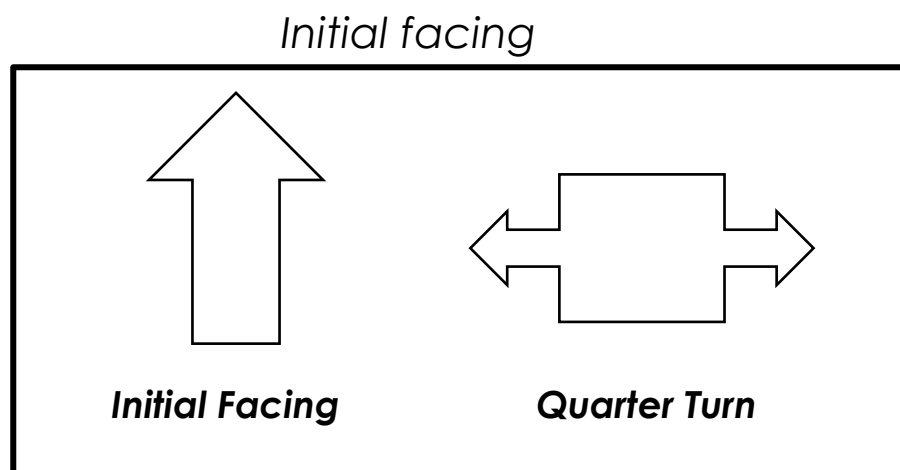


C. Ano Ito?

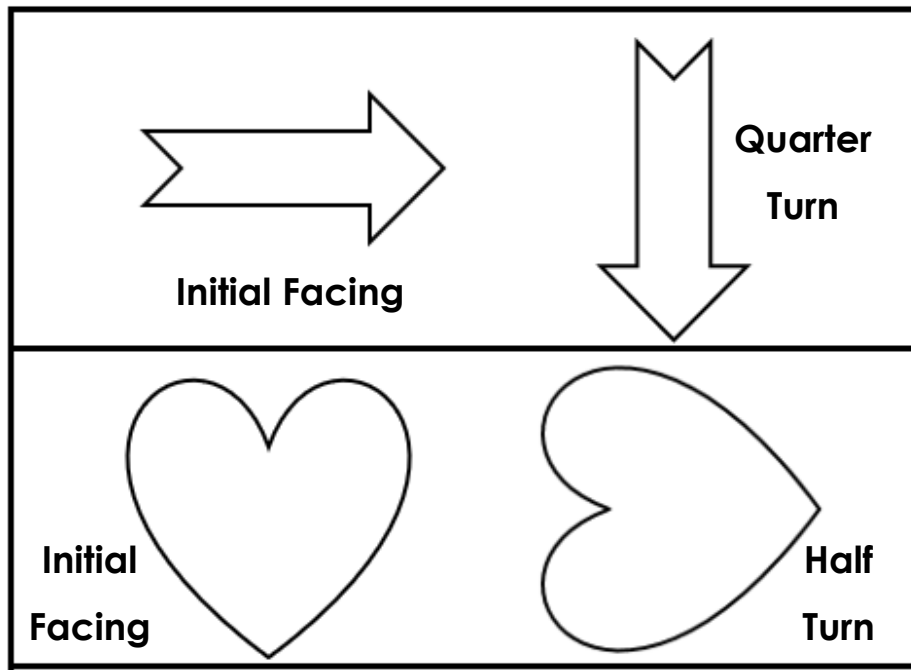
Kung ang tao ay gumagalaw sa iba't ibang posisyon, ganoon din ang mga bagay. Ang galaw na nagpapakita ng iba't ibang posisyon ay *half turn* o *quarter turn*, *clockwise*, *counter clockwise* at *initial facing*.

Ang galaw ng **half turn** o **quarter turn** ay paikot. Ang **clockwise** ay galaw na paikot sa kanan salmantalang ang **counter clockwise** ay galaw na paikot sa kaliwa. Ang **initial facing** ay tumutukoy sa posisyon kung saan nagsimula ang isang bagay.

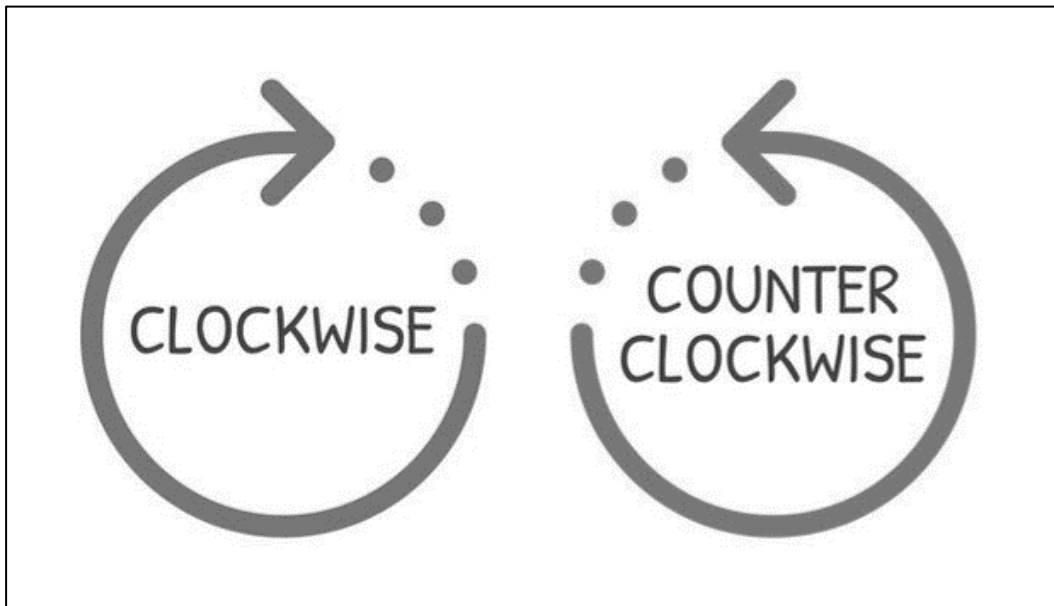
Halimbawa:



Half turn or Quarter turn



Clockwise o Counter clockwise



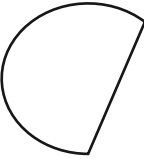
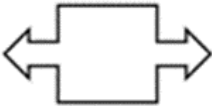
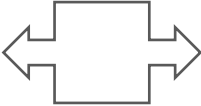
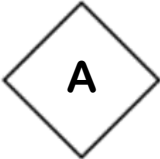
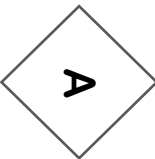
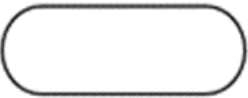
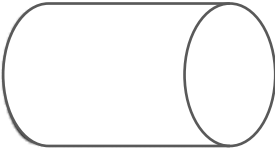
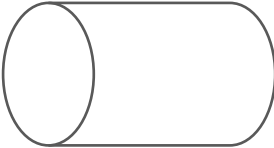
D. Ating Subukin!

Gawain 1

Panuto: Kilalanin kung **quarter turn** o **half turn** ang galaw ng mga bagay sa loob ng kahon.

Halimbawa:

Hanay A <i>Initial Facing</i>	Hanay B <i>Quarter Turn</i>
	

1.		
2.		
3.		
4.		
5.		

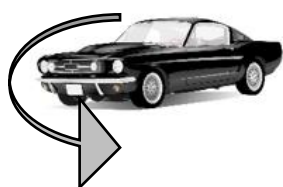
Gawain 2

Panuto: Iguhit ang masayang mukha 😊 sa loob ng kahon kung ang bagay ay gumagalaw ng *clockwise* o *counter clockwise* at malungkot na ☹ mukha naman kung ito ay hindi.

Halimbawa:



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=



_____ 1.



=



_____ 2.



=



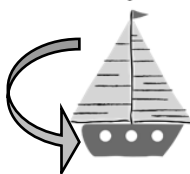
_____ 3.



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_____ 4.



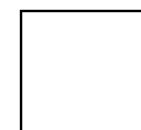
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_____ 5.



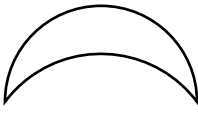
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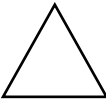


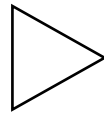
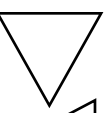
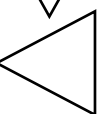
E. Tayahin Natin!

Panuto: Bilugan ang titik ng tamang sagot.

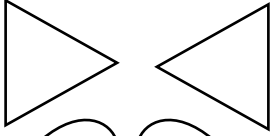
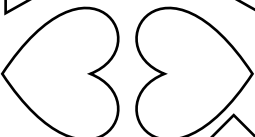
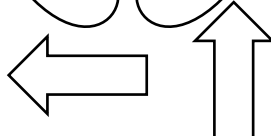
1. Alin sa mga sumusunod ang maging posisyon ng  *quarter moon* na nasa larawan kung ito ay gagalaw ng *quarter turn clockwise*?

- A. 
- B. 
- C. 

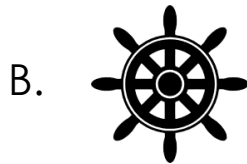
2. Ano ang maging posisyon ng  tatsulok kung ito ay iikot ng *half turn counterclockwise*?

- A. 
- B. 
- C. 

3. Ang lahat ng bagay ay nasa *half quarter clockwise* na posisyon, MALIBAN sa isa.

- A. 
- B. 
- C. 

4. Alin sa mga sumusunod ang hindi iikot ng *clockwise* o *counter clockwise*?



5. Alin sa mga sumusunod ang posibleng gumalaw ng *clockwise* o *counter clockwise*?

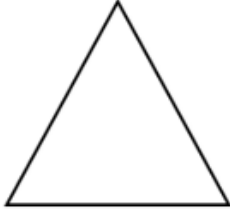
A. gulong

B. upuan

C. pisara

Challenge

Directions: Draw the correct movement in each column based on the position of object in the first column.

Position of Object	Quarter Turn Clockwise	Quarter Turn Counter Clockwise
		
		
		
		

Answers Key

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Ating Balikan!

1. C
2. C

Ating Subukin!

Gawain 1

1. quarter turn
2. half turn
3. quarter turn
4. quarter turn
5. half turn

Ating Subukin!

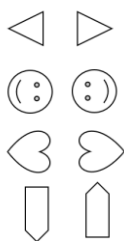
Gawain 2

1. 
2. 
3. 
4. 
5. 

Tayahin Natin!

1. A
2. B
3. C
4. C
5. A

Challenge



F. Mga Sanggunian

ArtDraw Design. Steering Wheel

<https://artdraw.org/custom/svg/54315/steering-wheel/>

Cathy Flickr. White Car Sketch clipart.

<https://www.flickr.com/photos/bycp/5714998281>

DepEd Mathematics Matatag Curriculum Guide 2023

Padilla, Danilo S., Rodrigo V. Pascua, Lolita P. Dacuba, Marivic M. Calelao, Dahlia L. Silvania and Maybellene A. Garlejo. *Mathematics-Unang Baitang*. Republika ng Korea ng Prinpia Co.,Ltd., 54 Gasanro 9 Gil, Geumchoengu, Seoul, Korea. 2017

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