



Name :

Class :

No :



STUDENT WORKSHEET

"FORCE AND MOTION"

4th GRADE | Tema 8 Subtema 2
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1. "Ramp and Cup"

"Do you know what will happen if force is given to an object at rest?"



To find out what will happen to object at rest,
Prepare the following:

- Wooden board
- Paper cup (cut like the example)
- Ruler
- 3 Small Round object with different weight (marble, ball, grape)



Fill in the table with information from your observation!
Find the result of each activity in the table below!

No.	Round Object	Distance (cm)
1.	Onion	
2.	Marble	
3.	Stone	

Based on the experiment :

After the round object sliding down, then it is the paper cup that is at rest.

The smallest distance caused by.....

The biggest distance caused by

The lighter the object weight, the distance it made.

The heavier the object weight, the distance it made.

Thus, the of the round object affect the of the paper cup



Pay attention to this video, then write what you know about force!

Which of the following is an example of force moving an object at rest?

- a. Cycling
- b. Cutting fruit
- c. Sitting on the chair

Based on the experiment, which is the right match?

Draw a line to match the right answer!

“The lighter”

“The longer”

“The heavier”

“The shorter”

What do we need to recreate the experiment?

Give check sign to the object we need bellow.

