

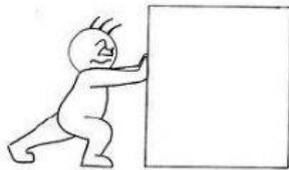
	<p align="center">Colegio Bilingüe José Allamano <i>"Excelencia académica y respeto por las personas y las culturas"</i> <i>Colegio Católico de los Misioneros de la Consolata</i></p>	Código: 3GA-29	
		Versión: 06	
Fecha de emisión: 16-02-2010			
Fecha de versión: 24-02-2020			
Proceso: GESTIÓN ACADÉMICA	EVALUACIÓN FINAL ÁREA: CIENCIAS NATURALES ASIGNATURA: Química GRADO: Segundo PERIODO: III		

NOMBRE: _____ CURSO: _____ FECHA: _____ J. V. _____

1. Select and circle the picture that is incorrect:



2. Label the following force examples with **push**, **pull**, **contact force** and **non-contact force**:

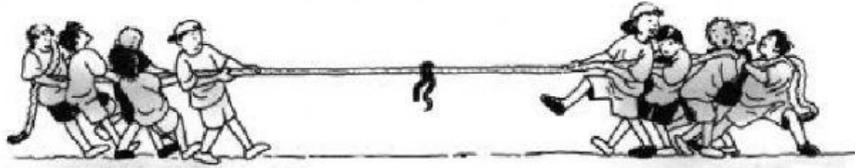








3. Do these things need a push or a pull to make them move? Write push or pull under each picture.











4. Richard and Jack want to move a box but they try with all of their forces and they can't. In the following picture, you can see how they are doing. What do you think is their mistake?



- a. They are pushing at the same time.
 - b. They are pulling at the same time.
 - c. Richard pulls and Jack pushes the box.
 - d. Neither is exerting any force.
5. Complete the paragraph.



Isaac Newton was born in Lincolnshire, England in 1643, where he grew up on a farm. When he was a boy, he made lots of brilliant inventions like a windmill to grind corn, a water clock and a sundial.

Isaac continued studying and experimenting at home. One day he was drinking a cup of tea in the garden. He saw an apple fall from a tree. 'Why do apples fall down instead of up?'

According to the last history, an apple falls from a tree. Isaac Newton asks, why do apples fall down instead of up? This event makes that Isaac proposed a very important theory that explain the _____ force.

- a. Magnetic
- b. Normal
- c. Contact
- d. Gravitational