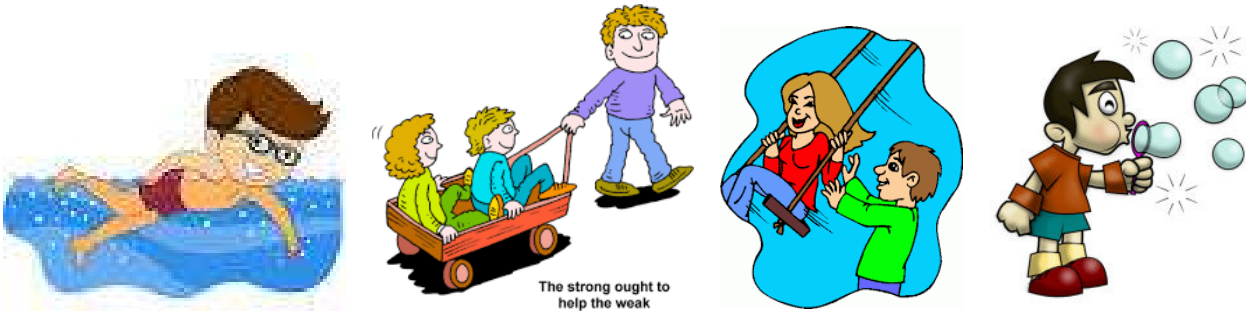


FORCES 1

Forces are everywhere. You use force to open a pack of snacks, to ride a bicycle, to blow hot soup. When you make something move, you exert force on the object. Many athletes use force to change the direction of objects to score a goal. When more force is applied, the object will have more speed. When objects are heavier, more force is needed.

Here are some questions to help you understand how force works.

Look at the following pictures below and match the statement describing how the person is exerting force.



SORT ELEMENTS

- blowing to make bubbles move.
- pushing a swing so it can make a number of swings.
- moving arms to move body through water
- pulling a wheelbarrow to move something from one place to another.

2. Look at the following pictures below and describe how the person is exerting force. Write your answer in the space provided.



_____ a cloth to release water

3. Look at the following pictures below and describe how the person is exerting force. Write your answer in the space provided.



_____ weights to _____.

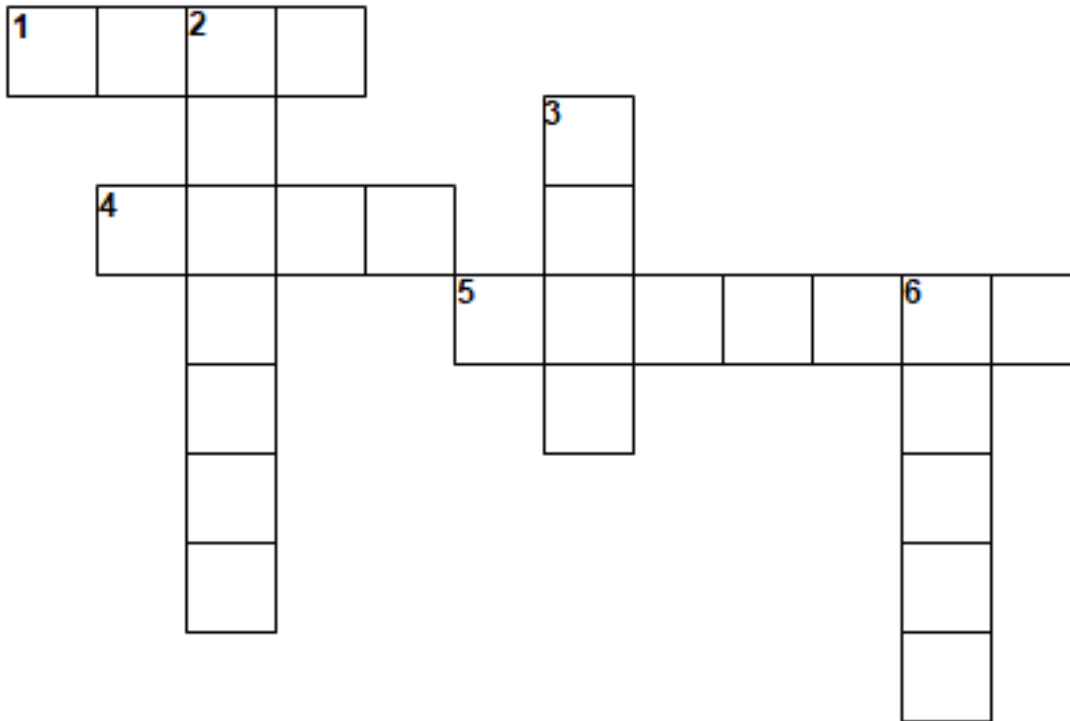
4. Select the object and the force needed to act upon it.

SORT ELEMENTS

pull push turn squeeze

a sack of rocks	
sponge	
wheelbarrow	
cover on a bottle	

5. Use the clues to fill in the words below. Words can go across or down. Letters are shared when the words intersect.



ACROSS

1. to move something away from oneself.
4. to move something towards oneself.
5. force that attracts a body towards the centre of the earth

DOWN

2. forced into a small or restricted space.
3. to move in a circular direction wholly or partly round an axis or point.
6. force producing torque.