

## Forces and movement (review exercises)

1.- What are the effects of forces? Complete the sentences with the correct words.



They can make objects start  .

They can  objects, like when you hit a glass.

They can make objects  moving.

They can make objects  their shapes,  
like when you mould plasticine.

2.- Do you know how to calculate speed? Choose the correct answers.

If a high speed train takes two hours to travel 400 km,

what is its speed?  .

how long does it take to travel 800 km?  .

how many kilometres will it travel after 3 hours?  .



**3. - Complete the text with these words.**

fast – centre – distance – shape – divide –  
slow – attract – stop – permanently

Forces have different effects on objects: they make objects change their

break, start moving or

When forces act upon objects, depending on the material objects are made off, they can  
change shape or temporarily, or break.

There are contact forces and forces that act from a . Forces can or  
repeal objects.

Gravity attracts objects towards the of the Earth.

Friction is the force that makes objects down.

Speed tells us how something moves. To calculate speed, we  
the distance by the time it takes to travel this distance.

**4.- Define the following words.**

**Friction:**

**Resistance:**

**Speed:**

**5.- Write two examples of when you apply a force in your daily life.**

1º-

2º-

6.- Write two examples that shows how friction acts.



1º-

2º-

7.- Read the sentences about gravity and choose the correct option.

- a. Gravity pulls objects
- b. This force all objects towards the centre of the Earth.
- c. It acts
- d. It cause to orbit around the Earth.

8.- Look at the photos and select correct effects of the forces .



9.- Read and write true or false.

- a. Speed tells us how fast something moves.
- b. Gravity only affects objects moving downwards.
- c. Friction makes objects slow down.
- d. Gravity decreases the speed of a falling object.

10.- Read the sentences and choose the correct force.

- It is a contact force.
- It pulls objects downwards.
- It causes the Moon to orbit the Earth.
- It slows down moving objects.
- It acts from a distance.
- It attracts all objects towards the centre of the Earth.
- It happens when two objects rub against each other.

11.- If the car travels 300 kilometres in 4 hours, what is its speed?.

