

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.

change

break

moving

stop

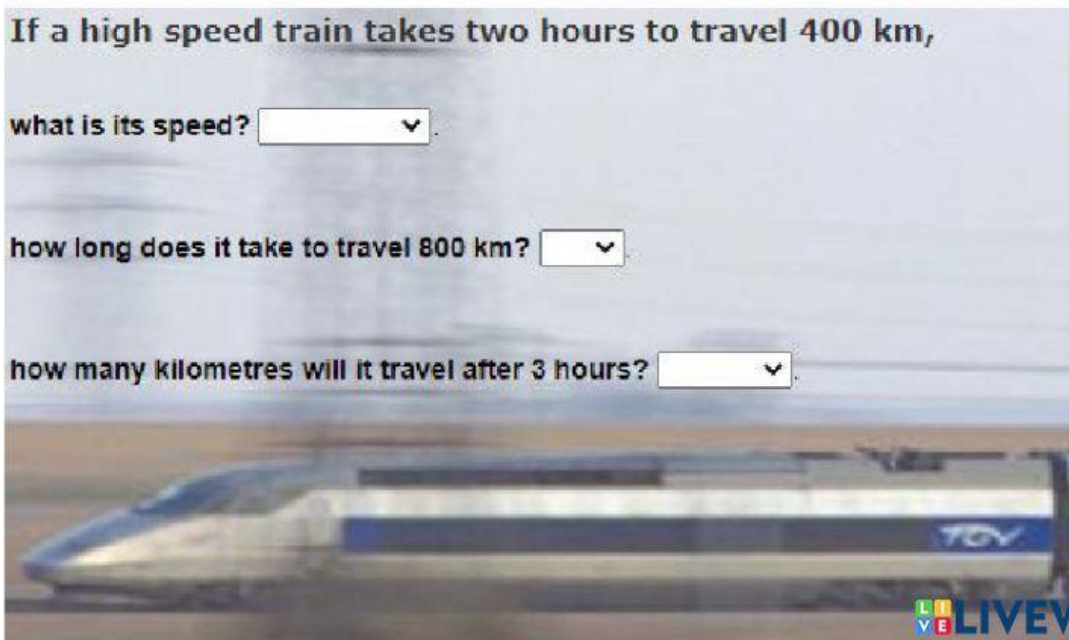
2.- Do you know how to calculate speed? Choose the correct answers.

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
repel 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.

1°-

2°-

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



1°-

2°-

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?.

