

Answer sheet 1

I. Write true or false.

1. The force applied on a refrigerator door to open is a push force. **False**
2. When you apply force to a rubber band, you can change its shape. **True**
3. By applying brakes on a moving bicycle, the speed of the cycle can be decreased. **True**
4. When a bat hits a moving cricket ball, the ball moves in the same direction. **False**
5. When a goalkeeper catches the ball, he stops the ball without applying any force. **False**

II. Choose the correct answer.

1. Turning a tap involves
 - a. Pull force
 - b. Push force
 - c. Push and pull force**
 - d. Changing the shape of the tap
2. Picking a weed out of a pot is an example for
 - a. Push force
 - b. Pull force**
 - c. push and pull force
 - d. changing shape of the weed
3. An example of changing shape by applying force is
 - a. Pressing a remote control
 - b. Opening a window
 - c. Walking on wet sand**
 - d. Closing a door
4. Which of the following is not an example of push force?
 - a. Squeezing an inflated balloon
 - b. switching a fan off
 - c. Cycling

d. Flying a kite S

5. The force applied to launch the object from the catapult is a
- Pull force
 - Push force**
 - Pull and push force
 - Push force to change the shape
6. The effect of force when you use a catapult is that
- It can make a moving object stop
 - It can make a stationary object move**
 - It can make a moving object go faster
 - It can change the direction of the moving object.
7. A force is applied to a moving trolley. Which of the following statement is not true?
- The force can slow down the trolley
 - The force can make the trolley go faster
 - The force can change the colour of the trolley**
 - The force can change its direction of the trolley
8. What is the effect of force on the moving cycle if it is pushed from behind?
- The speed of the cycle increases**
 - The speed of the cycle decreases
 - The cycle stops
 - The shape of the cycle changes

III. Circle the pull force.

a. Dragging	b. applying force away from us	c. opening a drawer	d. plucking the fruit
e. kicking a ball	f. taking a book from the shelf	g. cutting a carrot	h. stretching
i. flying a kite	j. poking	k. applying force towards us	l. taking the plug off a mobile charger

IV. Answer in short.

1. Name two objects that you can change the shape of by squeezing and stretching
2. Write the effect of force:
 - a) if the push force applies to the moving ball in the same direction
 - b) if the push force applies to the moving ball in a different direction
 - c) if the push force applies to the moving ball in the opposite direction.

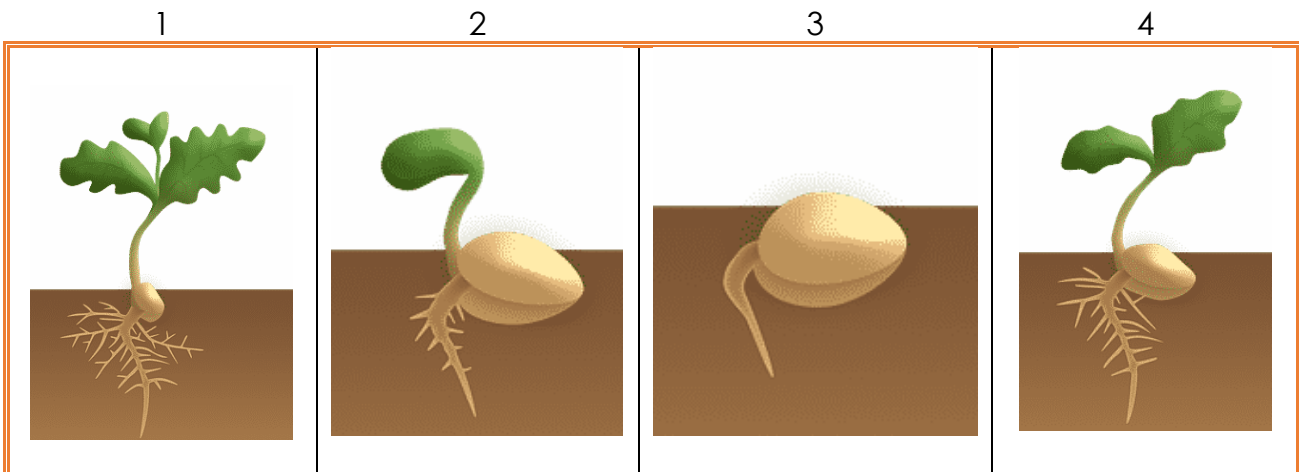
What will happen to the object if you push the upper stick of the arm of the catapult down a lot, compared with when you pushed down a little?

I. Unscramble the words to form a sentence. / Unscramble the letter to form a word.

1.

went	I	to	market.	the

V. Observe the images. Write the correct order of the images in the space provided.



The correct sequence is _____

VI. Label the parts of the plant.

