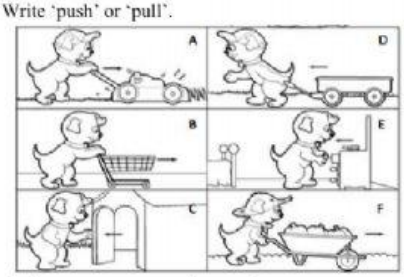
Exercise Review Science

Name : _____

Class : _____ Date: _____

Bismillahirrahmanirrahiim

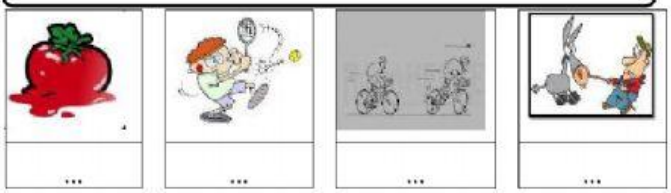
1. A force can be a [ ] and a [ ]
2. Complete these statements below.
   a. The heavier the things are the _____ **(higher / lower)** frictions happen.
   b. The smoother the surface of things the _____ **(higher / lower)** friction happen.
3. Write 'push' or 'pull'.



A		C.		E.	
B		D.		F.	

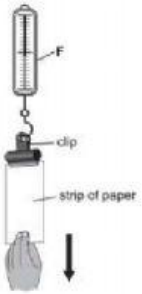
4. A force can make changes. Write what changes happen in these pictures.

faster **direction** **slower** **shape**



...	...	...	...

5. Aisya and Fatima are testing the strength of different sorts of paper. They set up their test like this.



a. Name the equipment labelled F. Choose the correct answer.

magnet **force meter** **newton**

b. What sort of force are they measuring?

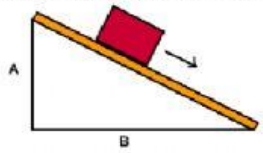
push **pull** **friction**

c. What should Aisya and Fatima do to make the force bigger? Tick (√) the correct answer.

pull the paper down
let go of the paper
Push the paper up

LIVEWORKSHEETS

6. Ammar does an experiment with things in the board.



a. Ammar put the box on the board. The box stay on the board without moving. What should Ammar do to make the box moving down the slide?

push the box
pull the box
use both push and pull

b. The box on the board move slowly. Mention **two ways** to make the box moving down faster. Write the correct answer based on the statements given.

Make the friction higher by make the surface of both the slide and the box rough
Make the friction slower by make the surface of both the slide and the box smoother
Adding the force when push the ball

- _____
  _____
  _____.
- _____
  _____
  _____.

7. Hawa does an experiment with the ball.



a. What happens to a ball if you put in water? Choose the correct answer.

sink float fly

b. What happens if you push down the ball inside the water?

The ball will go down and never bounce up to the surface of water.
The ball will go down and bounce up to the surface of water again.
The ball will stay in the same spot and will not go up or down.

c. Hawa says:

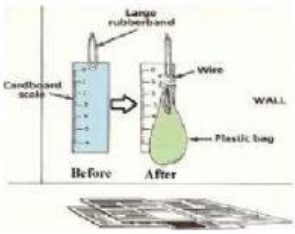
" The water slows down the movement of the ball because of the water resistance between the ball and water"

Name the force, which make the movement of ball slower.

friction **push** **pull**

LIVEWORKSHEETS

8. Adam does an experiment.



He observes what happened with rubber band before and after the experiment.

a. Complete this sentence based on the result of observation.

"The rubber band become _____**(squeezed /stretched/smashed)** after Adam put the bag".

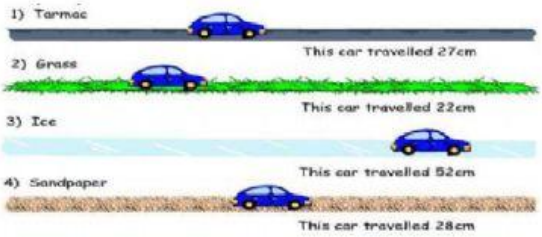
b. What should Adam do to **increase** the force? Tick (√) the correct answer.

reduce the masses in the bag
add the masses in the bag

c. What should Adam do to **decrease** the force?

reduce the masses in the bag
add the masses in the bag

9. Study the pictures below. Use the information in the picture indicate whether the statements below are true or false. Tick (√) your answer.



Conclusion	True	False
Ice has the least friction of all tracks.		
Grass has most friction of all tracks.		
Tarmac has more friction than grass.		
The car moved the shortest on sandpaper.		

10. Musa makes experiment with the balloon. He blows the balloon and close the tube of the straw. Tick (√) the correct answer.



a. What will happen to the toy car if Musa open the tube of the straw

The toy will move because the air in the balloon push the toy car
The toy will stay because there is no force to push the toy car

b. What will happen to the toy car if Musa blow less air into the balloon?

The car will move and faster to move
The car will slower or will not move

LIVEWORKSHEETS

11. Laily plays with soft clay.



(a) Name what Laily do in the picture.

squashed stretched bent

(b) What will happen with the clay after Laily use force in it?

change the direction
change the movement
change the shape

12. State usefull or not- usefull friction.






_____ _____ _____ _____

13. Bilal rolls down from the steeper road.



a. What happen with the speed of bicycle?

_____.

b. Billa's brake is broken so he use his foot to push and make the bicycle stop. Name the force that stops the bicycle moving.

_____.

Alhamdulillah

LIVEWORKSHEETS