



Name: _____

Date: _____

Class: _____

1. Here are some different changes. Circle the changes that need a force.

Opening a door

An ice cream melting

Getting older

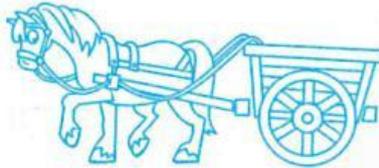
Writing with a pencil

Eating food

2. Write PUSH or PULL for each picture.



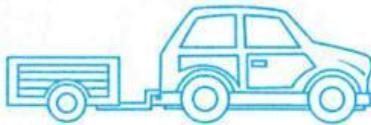
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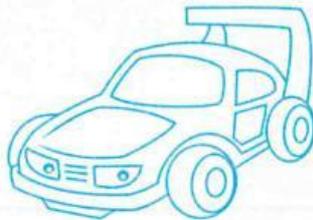
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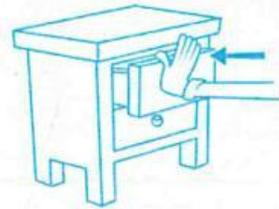
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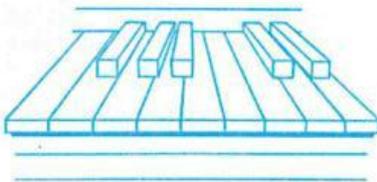
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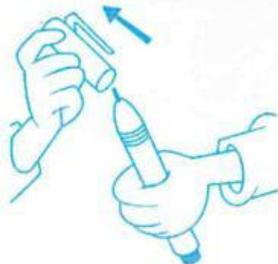
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3. Choose the right words to complete the sentences.

- a. You can use (**forces / turn**) to change the shape of some things.
- b. A ball of clay can be squashed using a (**push / pull**)
- c. A ball of clay can be stretched using a (**push / pull**)
- d. Compared to clay, brick is (**stronger / weaker**)
- e. The force required to break a brick is very (**big / small**)
- f. This is because brick is not (**flexible / hard**)

4. Which of these things need big forces and which need small forces?

Match the answers with the correct boxes.

tearing paper

stretching an elastic band

lifting a pencil

brushing your teeth

lifting a car

breaking stone

big force

small force

5. Match the push to what will happen.



6. Decide if the statements are True or False.

- a. A push is a force away from you.
- b. Forces can't make things move.
- c. Forces can make things stop.
- d. When you ride a bike, pull the brakes to speed up.
- e. A bigger push will make an object move slower.

7. Choose the correct answer.

- a. We can change the shape of the objects by using
 A. forces B. tables C. results D. investigation
- b. A push is a force you.
 A. for B. about C. towards D. away
- c. When you ride a bike, push the to speed up.
 A. brakes B. wheels C. pedals D. seats

d. A push will make an object move slower.

- A. faster B. smaller C. bigger D. longer

e. Pushes and pulls can make moving objects

- A. run B. walk C. turn D. sleep

f. Forces can make objects change

- A. shape B. speed C. direction D. all are correct

8. Choose a word to fill in the blank to describe the picture.

shape

direction

speed

a.



change

b.



change

c.



change