

Pushes, Pulls and Forces

Name: _____

Date: _____

WORKED EXAMPLE

A push or a pull is a force. A force can make an object start, stop, speed up, slow down or change direction. Forces have strength — a hard push moves something more than a gentle push. Forces also have direction — the object moves the way you push or pull it. A strong enough force can also change an object's shape, like squashing playdough or bending a ruler.

Q1

Circle the pushes and underline the pulls: kicking a ball, opening a drawer, pressing a button, dragging a bag.

Q2

A strong push moves an object further than a gentle push. Tick one: yes ☐ no ☐

Q3

Draw a ball, then draw an arrow to show which way it moves when you push it.

Q4

Draw a line to match: a hard push, a gentle push, a pull — moves it a lot, moves it a little, brings it closer.

Q5

A push or a pull is a kind of _____.

Q6

How hard you push or pull is called the _____ of the force.

Q7

Look at the pictures on the lesson slide. Draw one push and one pull, and label each one.

Q8 CHALLENGE

Find a toy you can push and pull. Draw it, then draw arrows to show which way it moves.