

Pushing and pulling



Background knowledge

Forces can make things move. A force is a push or pull on something. Magnetism is a force that can push (repel) or pull (attract) things. The force of gravity pulls objects toward Earth. When the wind blows, you can feel it because an air pushes against you. When you drop a ball, the force of gravity pulls it toward Earth.

Science activity

The pictures show a number of forces in action. Decide whether the force is a push or pull. Write your answer beside each picture.



This force is a _____

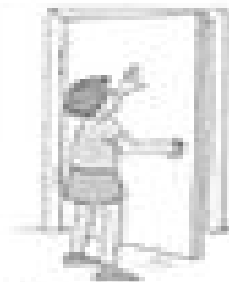


This force is a _____

This force is a _____



This force is a _____



This force is a _____



This force is a _____

Science investigation

Using a bathroom scale, design and conduct an experiment to see who is the strongest among your family, friends, or classmates. Does a person's size make a difference? Can you push harder with your hand or finger? Does a log push harder than an arm?

