

Science Homework 18.1.11 by

Moving Forces - SAT style questions

1. Forces

(a) Sarah is exploring forces.

She uses a forcemeter to lift or pull several objects.



She records her findings in a table.

Sarah has not written the name of the units in her table.

Write the **name** of the units used to measure force.

Activity	Force needed to make it start to move
	
Pulling a door open	3
Lifting a pencil case	1
Lifting a bucket of sand	5
Pulling a box across the floor	2

1 mark

(b) Look at the table of results.

Which of these objects was easiest to move?

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1 mark

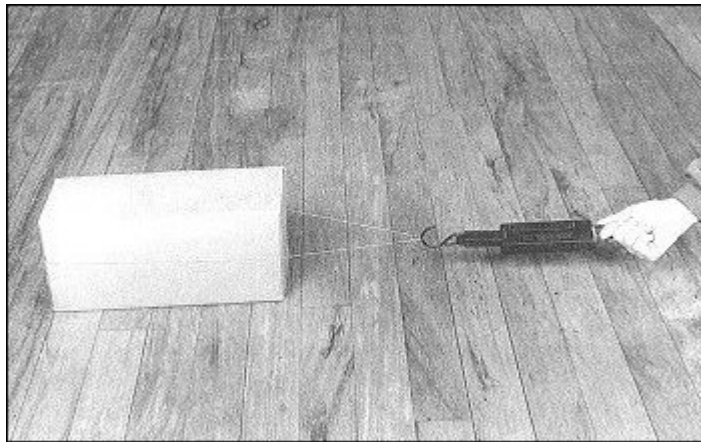
- (c) The forcemeter is pulling the bucket **up**.

What is the name of the force pulling the bucket **down**?

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1 mark

- (d) Sarah tries pulling the box across different kinds of floors.



Sarah finds it harder to pull the box on the carpet than on the wooden floor.

Name the force that **increases** when Sarah pulls the box on the carpet.

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1 mark

SA
I found this homework...

Easy-----Hard