

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

**SCIENCE STAGE 3 - UNIT 5 - FORCES AND MAGNETS**  
**Review Material - Part 1**

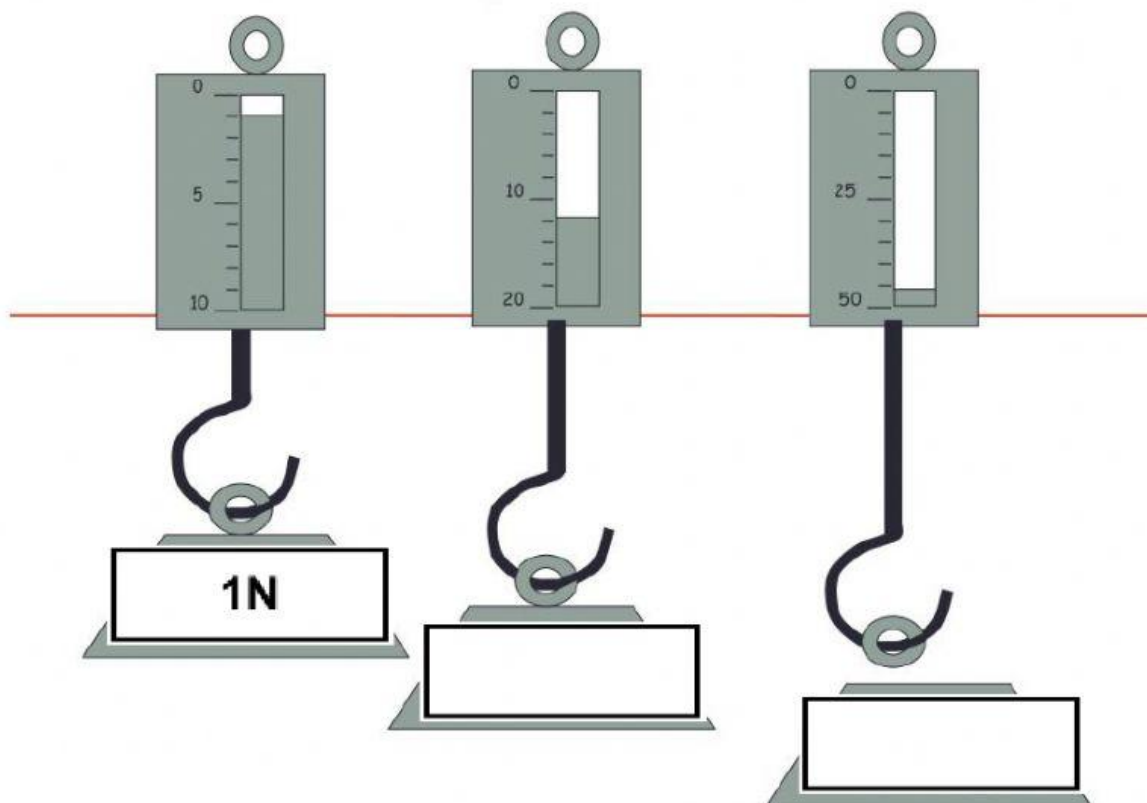
**5.1 Forces and forcemeters**

*1. Fill in the blanks. Choose from the words listed below. One has been done for you.*

**stop            pulls            slow            shape            newtons**

1. Forces are pushes and \_\_\_\_\_.
2. Forces can make some objects change \_\_\_\_\_ into flat, round or with corners.
3. Forces can make objects speed up, \_\_\_\_\_ down or change direction.
4. Forces can \_\_\_\_\_ a moving object.
5. Forces are measured in **newtons** using forcemeters.

**II.A. Look at the readings in the forcemeters below. Write your answer in the table. One has been done for you.**



**II.B. Complete the sentences about standard units. One has been done for you.**

**newtons      Metres      Minutes**

1. Metres (m) and centimetres (cm) are standard units of length.
2. \_\_\_\_\_ (min) and seconds (s) are standard units of time.
3. The standard unit of force is the \_\_\_\_\_ (N).

## 5.2 Gravity

***I.A. Fill in the blanks. Choose from the words listed below. You can use the word more than once. One has been done for you.***

**Gravity      centre      pull      different      fall**

1. The Earth's gravity is a force that \_\_\_\_\_ objects towards the centre of the Earth.
2. When we drop things, they \_\_\_\_\_ down.
3. Down is a \_\_\_\_\_ direction in different places on the Earth. Down is always towards the centre of the Earth.
4. People and objects do not fall off the Earth because they can only fall towards the \_\_\_\_\_ of the Earth.
5. \_\_\_\_\_ makes things have weight.
6. As we **pull** \_\_\_\_\_ things, they are moved towards us.
7. On the moon's surface, things \_\_\_\_\_ at the same time because there is no air.

## II. Which of these needs gravity?

Tick the correct answer. One has been done for you.



Uses gravity



Does not use gravity



Uses gravity



Does not use gravity



Uses gravity



Does not use gravity



Uses gravity



Does not use gravity



Uses gravity



Does not use gravity



Uses gravity



Does not use gravity