Name: _____ Class: _____ Date:_____

SCIENCE STAGE 3 - UNIT 5 - FORCES AND MAGNETS

Review Material - Part 1

5.1 Forces and forcemeters

I. 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.

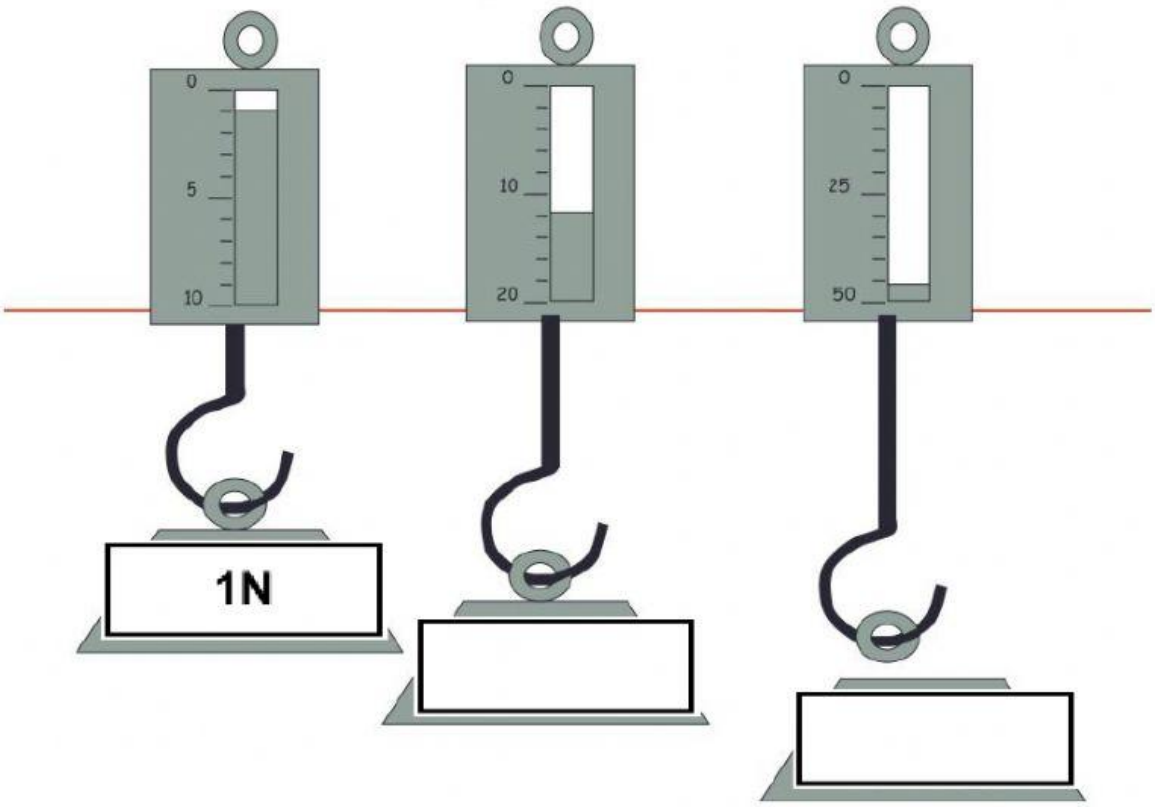
3. Forces can make objects speed up,_____ down or change direction.

4. Forces can _____ a moving object.

5. Forces are measured in newtons using forcemeters.

LIVEWORKSHEETS

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).

LIVEWORKSHEETS

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.

LIVEWORKSHEETS

II. Which of these needs gravity?
Tick the correct answer. One has been done for you.



- [x] 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

LIVEWORKSHEETS