Subject: Mathematics

Level: Standard One

Strand: Measurement

Topic: **Mass/Weight**
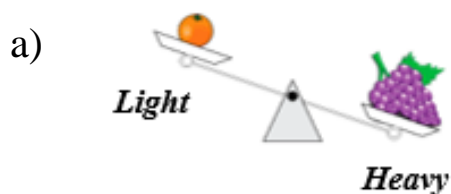
At the end of this worksheet, you will be able to:

- Measure, compare and order mass/weight using **non-standard** units.

Key Points

- The **weight** of an object measures how **heavy** the object is.
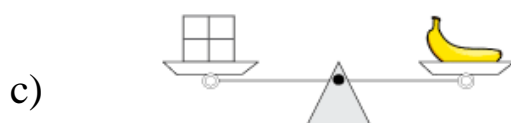- An **equal arm balance scale** can be used to compare and measure the weight of objects.

Look carefully at the following examples:

a)

The bunch of grapes is **heavier than** the orange, but orange is **lighter than** the bunch of grapes.
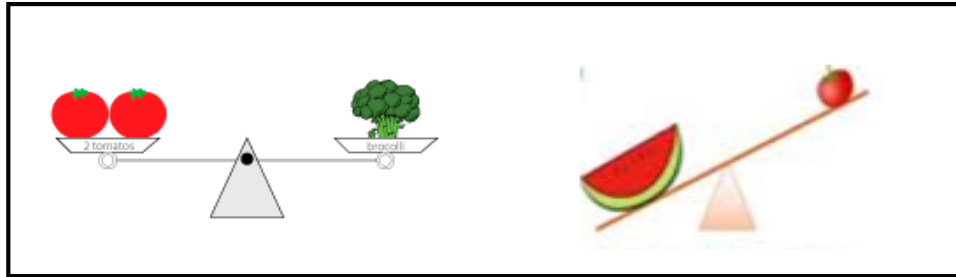
b)

The jug weighs **the same as** the lamp.
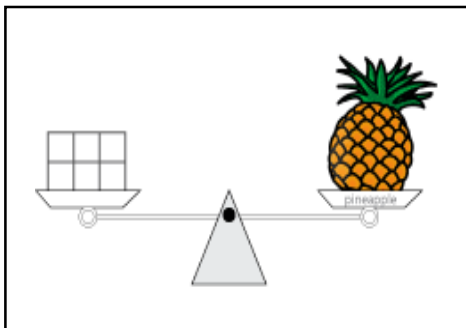
c)

The banana weighs **4 unit blocks**

ACTIVITY 1

1. Look at the weights of the objects below. Fill in the blank spaces with the words: **heavier than, the same weight as,** or **lighter than**.
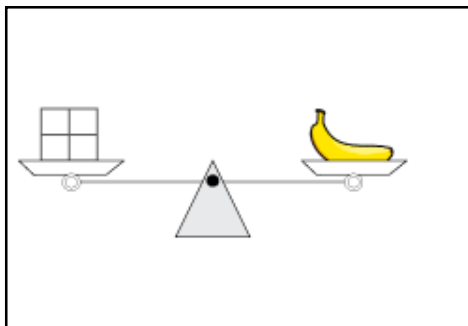

a) The two tomatoes are_____ the cauliflower.

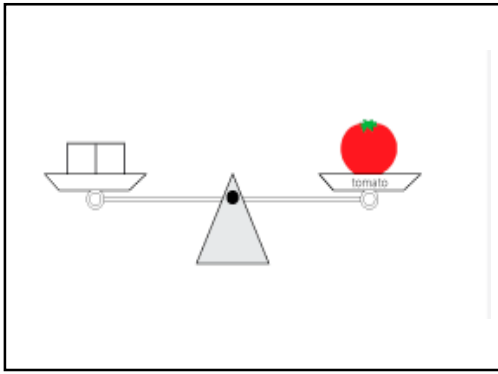b) The watermelon is _____ the apple.

c) The apple is _____ the watermelon.

2. One square (☐) is equal to 1 unit of measure. Fill in the blank spaces to complete the sentences below.

a) The pineapple weighs _____ units.

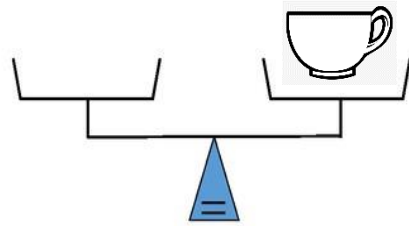b) The banana weighs _____ units.

c) The tomato weighs _____ units.

d) The pineapple is _____units **heavier** than the tomato.

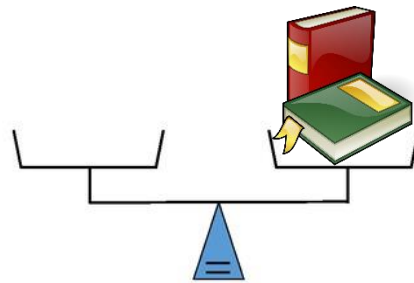e) The tomato is _____units **lighter** than the banana.

ACTIVITY 2

1. Use one circle (🔵) as equal to 1 unit of measure. In the diagrams

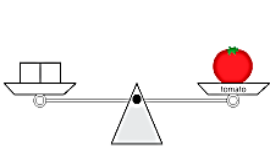below, draw in circles on the scale to show the weight of each item**.**
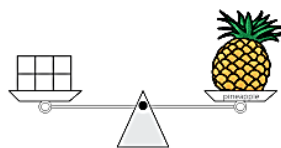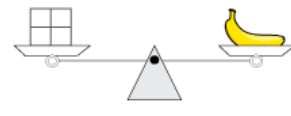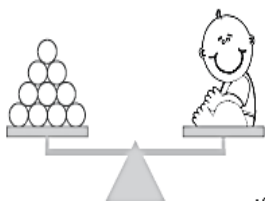
a) The cup weighs **3 units.**

b) The books weigh **6 units.**

2. Put in **1**, **2** and **3** in the boxes, **to arrange** the weights of the items
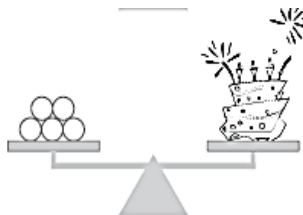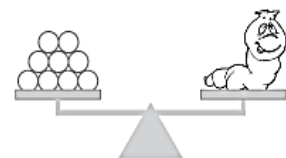
from **heaviest to lightest.**

3. Put in **1**, **2** and **3** in the boxes below **to arrange** the weights of the
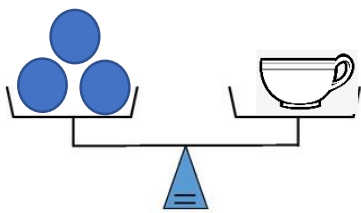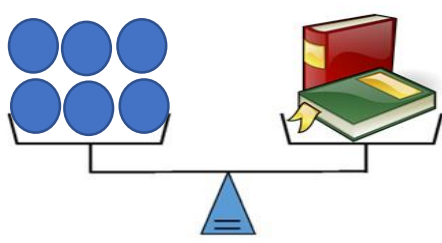
items from the **lightest to** the **heaviest.**

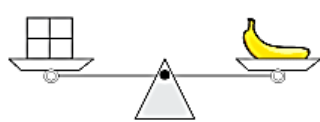**ACTIVITY 1**

1. a) The melon is **<u>heavier than</u>** the apple.

   b) The two tomatoes are **<u>the same weight as</u>** the cauliflower.

   c) The apple is **<u>lighter than</u>** the melon.

2. a) The pineapple weighs **<u>6</u>** units.

   b) The banana weighs **<u>4</u>** units.

   c) The tomato weighs **<u>2</u>** units.

   d) The pineapple is **<u>4</u>** units **heavier** than the tomato.

   e) The tomato is **<u>2</u>** units **lighter** than the banana.

ACTIVITY 2

1. a)

   b)

2.

3   1   2

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3. In the boxes, put in **1, 2, 3 to order** the weights of the items from **the lightest to the heaviest.**
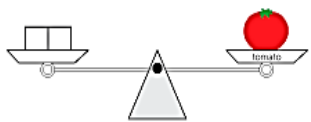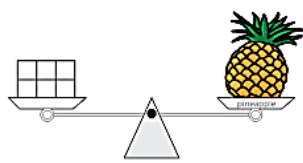

| 3 | 1 | 2 |