

Homework/Extension

Step 1: Compare Mass

National Curriculum Objectives:

Mathematics Year 2: (2M1) [Compare and order lengths, mass, volume/capacity and record the results using >, < and =](#)

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Tick the true or false statements comparing the mass of two individual objects.

Expected Tick the true or false statements comparing the mass of three different objects including multiple sets of each object.

Greater Depth Tick the true or false statements comparing the mass of combinations of different objects, including multiple sets of each object.

Questions 2, 5 and 8 (Varied Fluency)

Developing Match two pictures to the labels comparing the mass of two individual objects using the vocabulary 'heavy' and 'light'.

Expected Match four pictures to the labels comparing the mass of different objects, including multiple sets of each object, using the vocabulary 'heavy', 'light', 'heaviest' and 'lightest'.

Greater Depth Match four pictures to the labels comparing the mass of combinations of different objects, including multiple sets of each object, using the vocabulary 'heavy', 'light', 'heaviest' and 'lightest'.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

Developing Explain if a statement is correct when comparing the mass of two individual objects.

Expected Explain if a statement is correct when comparing the mass of three different objects, including multiple sets of each object.

Greater Depth Explain if a statement is correct when comparing the mass of combinations of different objects, including multiple sets of each object.

More [Year 2 Mass, Capacity and Temperature](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Compare Mass

1. Tick the statements that are true.



one elephant weighs $<$ one owl

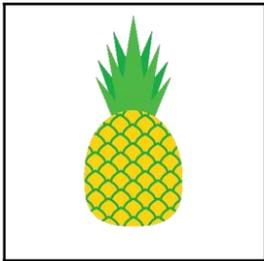
one elephant weighs $>$ one owl

one owl weighs $<$ one elephant



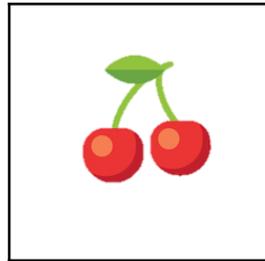
2. Match each picture to the correct label.

A.



light

B.



heavy



VF
HW/Ext

3. Simon is looking at the balance scales.



The cherries are heavier than the strawberry.



Is Simon correct?
Explain how you know.



RPS
HW/Ext

Compare Mass

4. Tick the statements that are true.



one fox weighs $<$ two frogs

two foxes weigh $>$ four frogs

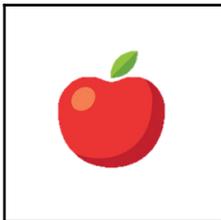
one fox weighs $>$ two frogs



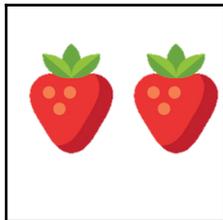
VF
HW/Ext

5. Match each picture to the correct label.

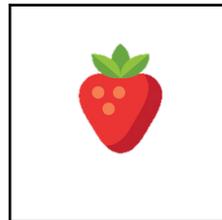
A.



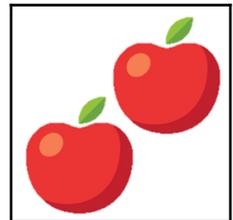
B.



C.



D.



heaviest

light

heavy

lightest

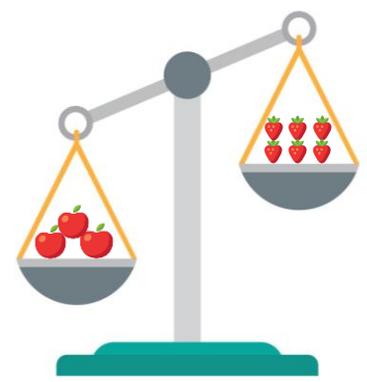


VF
HW/Ext

6. Billy is looking at the balance scales.



The strawberries are the heaviest.



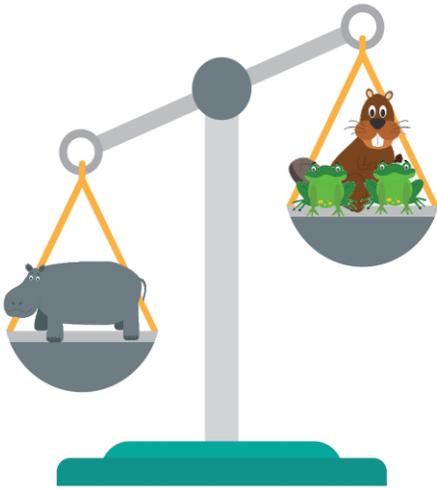
Is Billy correct?
Explain how you know.



RPS
HW/Ext

Compare Mass

7. Tick the statements that are true.



2 beavers and 4 frogs weigh = 2 hippos

1 hippo weighs > 1 beaver and 2 frogs

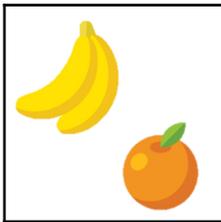
two beavers and four frogs weigh < two hippos



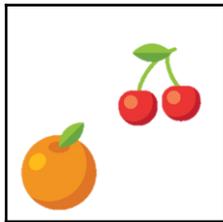
VF
HW/Ext

8. Match each picture to the correct label.

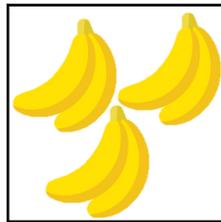
A.



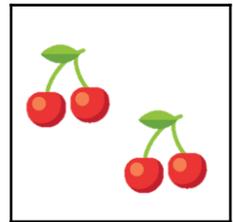
B.



C.



D.



heaviest

light

heavy

lightest



VF
HW/Ext

9. Sam is looking at the balance scales.



The pear and the lemon have exactly the same mass.



Is Sam correct?
Explain how you know.



RPS
HW/Ext

Homework/Extension Compare Mass

Developing

1. The second and third boxes should be ticked.
2. A. heavy; B. light
3. Simon is incorrect. The pan with the strawberry inside is lower than that with the cherries, so the strawberry is heavier than the cherries.

Expected

4. The second and third boxes should be ticked.
5. A. heavy; B. light; C. lightest; D. heaviest
6. Billy is incorrect. The strawberries are heavier than the cherries, but the apples are heavier than the strawberries. The apples are the heaviest.

Greater Depth

7. The second and third boxes should be ticked.
8. A. heavy; B. light; C. heaviest; D. lightest
9. Sam is incorrect. While the pear and the lemon are both lighter than the combined mass of the strawberries and bananas, we don't know exactly how much lighter each of them are.