

Good morning Y3s, Here is today's maths. Follow the link to <https://whiterosemaths.com/homelearning/year-3/> Summer

## Compare mass



1 Write **heavier** or **lighter** to complete the sentences.

a)



The apple is \_\_\_\_\_ than the orange.

The orange is \_\_\_\_\_ than the apple.

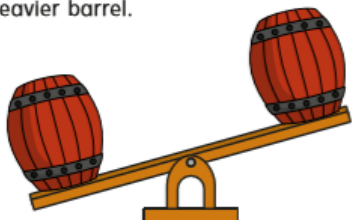
b)



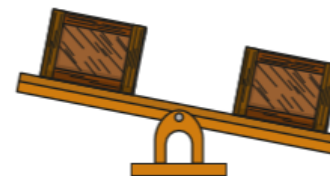
The ball is \_\_\_\_\_ than the bat.

The bat is \_\_\_\_\_ than the ball.

2 a) Tick the heavier barrel.



b) Tick the lighter crate.



c) What can you say about the mass of the two crates?



3 The mass of a tin and a book is shown.



Scott puts the tin and book on the scales.

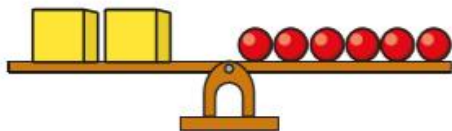
One side of the scales goes down.

Draw the book and the tin on the scales to show this.



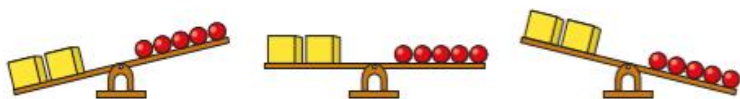
Week 11 -  
Lesson 2 and  
watch the  
teaching  
video  
**'Compare  
mass'** then  
try the  
questions  
below.

- 4 The scales show that 2 cubes balance 6 spheres.



Tommy is removing shapes to see what happens to the scales.  
Tick the correct image in each part.

a)



b)



c)



Talk about your answers with a partner.



- 5 Circle the greater mass in each pair.



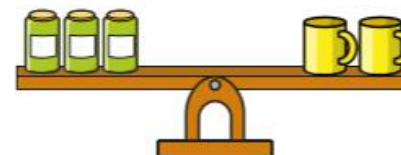
- 6 Three weights are shown on the scales.



Write the weights in order, starting with the lightest.

\_\_\_\_\_

7



Is a jar or a mug heavier? \_\_\_\_\_

How do you know?

Talk about it with a partner.

# Answers

## Compare mass



1 Write **heavier** or **lighter** to complete the sentences.

a)



The apple is heavier than the orange.

The orange is lighter than the apple.

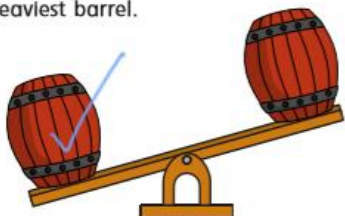
b)



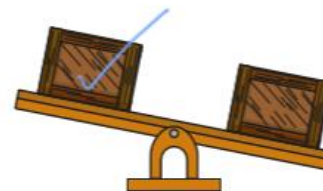
The ball is lighter than the bat.

The bat is heavier than the ball.

2 a) Tick the heaviest barrel.



b) Tick the lightest crate.



c) What can you say about the mass of the two crates?



3 The mass of a tin and a book is shown.



Scott puts the tin and book on the scales.

One side of the scales goes down.

Draw the book and the tin on the scales to show this.

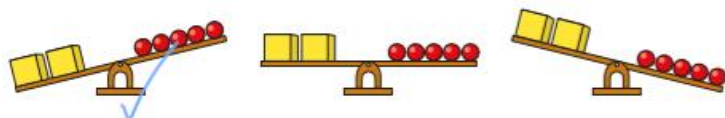


- 4 The scales show that 2 cubes balance 6 spheres.

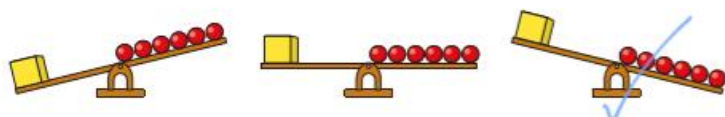


Tommy is removing shapes to see what happens to the scales.  
Tick the correct image in each part.

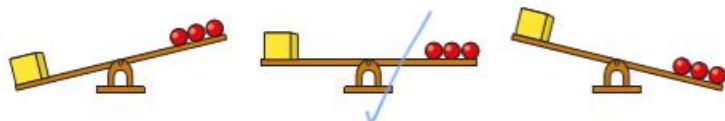
a)



b)



c)



Talk about your answers with a partner.



- 5 Circle the greater mass in each pair.



- 6 Three weights are shown on the scales.



Write the weights in order, starting with the lightest.

55 kg 900 g, 60 kg 200 g, 60 kg 350 g

- 7



Is a jar or a mug heavier?

mug

How do you know?

Talk about it with a partner.

Answers