

# Year 1 Maths Home learning - Weight and Mass

Monday 20<sup>th</sup> April 2020

Week 1- Lesson 1 Introduce weight and mass

Please watch the video first <https://whiterosemaths.com/homelearning/year-1/> (Week 1 Lesson 1)

## Introduce weight and mass

1 Which object is heavier?

Tick your answer.



How do you know?



2 Which object is lighter?

Tick your answer.



How do you know?



3 The ball is lighter than the bottle.

Tick the picture that shows this.



4 Choose a phrase to complete the sentences.

more than

less than

the same as

a)



The cube weighs \_\_\_\_\_  
the cylinder.

b)

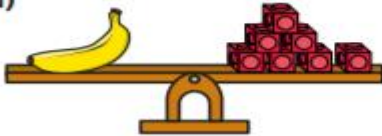


The cuboid weighs \_\_\_\_\_  
the sphere.

## Measure mass

1 How much does each object weigh?

a)



The banana weighs  cubes.

b)



The tennis ball weighs  cubes.

c)



The slice of cake weighs  cubes.

2 Draw cubes to balance the scales.

a) The toy car weighs 6 cubes.



b) The sweets weigh 4 cubes.



3 Use cubes to weigh objects in your classroom.

Complete this sentence for each object.

\_\_\_\_\_ weighs  cubes.

Compare answers with a partner.



### Compare mass

1 Which object is heavier?

Tick your answer.

a)



b)



c)



2 Look at the scales.



Choose a word to complete each sentence.

heavier

lighter

a) The orange is \_\_\_\_\_ than the cherries.

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

c) The cherries are \_\_\_\_\_ than the apple.

d) The apple is \_\_\_\_\_ than the cherries.

3 The basketball is heavier than the football.

Draw cubes to complete the scales.



Is there more than one answer?



### Introduce capacity and volume



1 a) Match the picture to the label.



empty



almost full



almost empty



full

b) Show 'almost full' and 'almost empty' another way.



almost full



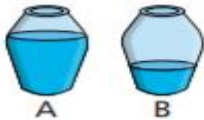
almost empty



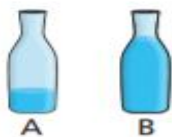
2 Choose a word to complete the sentence.

more

less



A has \_\_\_\_\_ than B.



A has \_\_\_\_\_ than B.

3 Show the volume in each glass.

- A is nearly full.
- B is nearly empty.
- A has more than C.
- C has more than B.



A



B



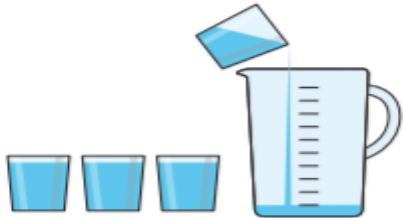
C

Compare answers with a partner.



# Measure capacity

1 4 glasses of water fill 1 jug.



a) How many glasses will fill 2 jugs?

b) Eva uses 20 glasses of water.



How many jugs can she fill?

Eva can fill  jugs.

2 Teddy pours these 6 glasses of juice.  
He uses a whole bottle of juice.



The bottle has a capacity of 6 glasses.

Do you agree with Teddy? \_\_\_\_\_

Talk about it with a partner.

3 It takes 8 glasses of water to fill a jug.



It takes 3 jugs of water to fill a bucket.



How many glasses of water fill a bucket?

What else can you find out?

