

Year 1

Block 8

Unit: Mass and volume

Key Vocabulary:

heavier	lighter	balanced	capacity	volume	empty
nearly empty	half full	nearly full	full	greater	mass

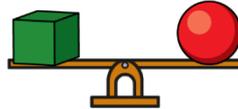
What will I know by the end of this unit?

Heavier and lighter:

Which object is heavier?



The pear is heavier than the sweet.



The mass of the cube is the same as the mass of the sphere.

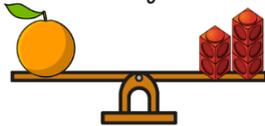
Which object is lighter?



The grape is lighter than the orange.

Measuring mass:

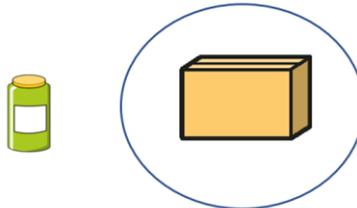
What is the mass of the orange?



The mass of the orange is 5 cubes.

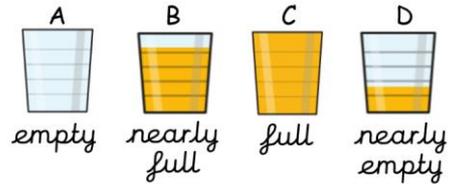
Full and empty:

Which do you think can hold more marbles?



The box has a greater capacity.

Compare volume:



Glass A has less juice than Glass B.
Glass B has more juice than Glass A.

Compare mass:



The mass of the pear is 4 cubes.

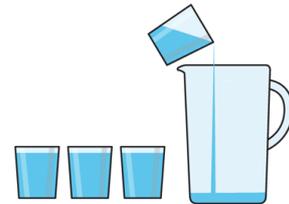
The mass of the grape is 1 cube.

The mass of the pear is greater than the mass of the grape.

The pear is heavier than the grape.

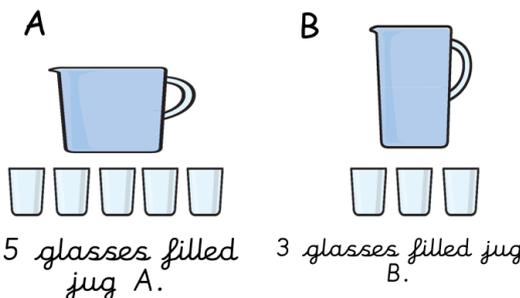
Measure capacity:

4 cups of water fill the jug.



The capacity of the jug is 4 cups of water.

Compare capacity:



5 glasses filled jug A.

3 glasses filled jug B.

Which jug has the greater capacity?

5 > 3

Jug A