

Wednesday 8th July 2020

Hello everyone. Hope you are all fit and well this morning. Once again everybody is working from home. Have a great day!

Task 1 Maths - Capacity

Today we will be looking at word problems that are all about capacity. We measure capacity in litres and millilitres. Remember 1000ml is equal to 1 litre. So 0.6 litres must be 600ml.

To convert millilitres to litres you need to divide by 1000.

To convert litres to millilitres you multiply by 1000.

Example

A saucepan holds 2.3 litres of boiling water. 25 ml evaporates every minute. How much water is left if it boils for 30 minutes?

$$\begin{aligned}25 \text{ ml} \times 30 &= 750 \text{ ml} \\750 \text{ ml} &= 0.75 \text{ litres} \\2.3 - 0.75 &= 1.55 \\ \text{Answer: } &1.55 \text{ litres}\end{aligned}$$



A

- 1 Thirteen people order soup in a restaurant. Each bowl holds 300 ml. How much soup is served in litres?
- 2 A watering can holds 3 litres. 600 ml is used. How much water is left in the can?
- 3 April has 800 ml of paint left. She buys a 2.5 litre can. How much paint does she have now?
- 4 At a party there are three jugs each holding 1.5 litres of drink, and two bottles, each holding 700 ml. How much drink is there altogether at the party?
- 5 A tub holds two litres of ice cream. A quarter is used. The rest is divided into ten equal servings. How much ice cream is in each serving?

B

- 1 Each lolly is made using 50 ml of juice. How many lollies can be made from 4.8 litres of juice?
- 2 A bowl is filled with 1.9 litres of hot water and 850 ml of cold water. How much water is in the bowl?
- 3 A kettle holds 1.6 litres of water. Three mugs of tea are made each using 250 ml of water. How much water is left in the kettle?
- 4 A milk bottle holds two litres. One fifth is used at breakfast. A further 220 ml is used at lunchtime. How much milk is left?
- 5 A hose uses 300 ml of water every second. How much water is used in one and half minutes in litres?

C

- 1 A small tube of paint holds 24 ml. How many tubes can be made from 1.2 litres?
- 2 Each bottle of lemon juice holds 120 ml. There are 36 bottles in a box. How much lemon juice is in the box?
- 3 A drink is made with 1.8 litres of water and 450 ml of juice. It is poured equally into nine glasses. How much drink is in each glass?
- 4 At a steady speed a car uses 80 ml of petrol every minute. How much will it use in 1 hour and 45 minutes?
- 5 At a wedding the 64 guests are each served with a 150 ml glass of champagne. How many 1.2 litre bottles are needed?

Task 2 - English - Subject and Object

Read the information in the yellow box and then have a go at the tasks below.

Remember the subject is doing the action and the object is being done to!

A simple sentence has a **subject** and a **verb**. It usually has an **object**.

The **subject** is the person or thing doing the verb. It usually comes first.

The **object** usually comes **after** the verb. It has something **done to it** by the verb.

The **verb** usually comes **after** the subject.

The cat drinks the juice.

This is only true for active sentences. See page 24.

1 Circle the subject and underline the object in each of these sentences.

The fox crosses the road.

Uncle Joe bought a sandwich.

Hannah speaks to Samuel calmly.

The bear hugged the tree.

The cat chases the squirrel.

Yesterday Ian read the newspaper.

Mairi forgot her sunglasses again.

The gardener carried the plant pots.

2 Label the underlined parts of each sentence as either subject, object or verb.

Harry sings pop songs.

The swimmer splashed the children.

The baker dropped the egg.

Stephanie met Mr Potter.

The grocer shouted at Niamh.

Kathryn bought a dress.

3 Complete each sentence by writing in a subject or an object.

subject → wrote a newspaper article.

object → Sian threw across the field.

object → The teacher shouted at

subject → made a cheesecake.

object → Mrs Huckton broke

subject → climbed the tree.

4 Choose the correct word or phrase from the balloons to complete each sentence. Then label the word you've added as subject, verb or object.

Rob to the airport.

→

A group of girls the ice cream.

→

..... built a nest in the apple tree.

→

Francesca opened nervously.

→

..... doesn't like Sam any more.

→

Mia

the door

a bird

ate

drove

Task 3 - Science Revision - Space (Earth / Sun / Moon)

The following link includes some videos that contain loads of fun facts and information about space and the Solar System.

<https://www.bbc.co.uk/bitesize/topics/zdrrd2p>

Watch the videos to refresh your understanding and then complete the activity below.

Space

Outer space begins 100 kilometres above Earth, where the _____ around our planet disappears. Space is _____ because there is no air to scatter _____, which makes the sky blue. As there is no air in space, there would also be no sound and it would be impossible to _____.

Our Solar System was formed around 4½ billion years ago. The Sun is a _____, and the largest object in the Solar System. All planets, comets, asteroids, meteoroids and moons _____ around it.

Mercury, Venus, Earth and Mars are part of the Inner Solar System. They are called terrestrial _____. Jupiter, Saturn, Uranus and Neptune make up the Outer Solar System and they are known as the gas giants.

Earth is the _____ largest planet in the Solar System and the _____ planet from the Sun. It takes 365¼ _____ for the Earth to orbit the Sun, this is the same as a _____. It also takes 24 hours, or a day, for the Earth to spin on its _____.

The Moon is a natural _____ which orbits the Earth. Our tides on Earth are mainly caused by the gravitational _____ of the Moon. _____ was the first person to set _____ on the Moon in 1969.

fifth	orbit	breathe	sunlight	planets	satellite	air	days
axis	pull	year	Neil Armstrong	third	star	foot	black

Well done Class Six - keep up the good work.

Mr Thompson

