



5-a-day

- 1) TTRockstars - 30 minutes
- 2) Morning maths
- 3) Independent Reading - 30 minutes
- 4) Spelling - 20 minutes
- 5) P.E. - Joe Wicks workout

English

Grammar and vocabulary

Work through the sample questions - make sure you are careful about what tense of verb you choose.

Maths

Dividing fractions by whole number

Watch the video inputs and then try the activities

We have covered today's learning a few weeks ago - remember to turn whole numbers into fractions and then criss-cross.
 $\text{top} \times \text{bottom} = \text{top}$ $\text{bottom} \times \text{top} = \text{bottom}$

[Input and
videos](#)

[Activity 1](#)

[Activity 2](#)

Science

Read through the information about famous scientist thoughts about how species change over time - are the statements true or false?

Morning maths – Wednesday 20/5/20

I think of a number, divide it by 5 and then subtract 6. My answer is 5 – what was my number?

Hint – try to undo (reverse) the problem

$$15 \quad \overline{) 5115}$$

15 – 1
30 – 2
45 – 3
60 – 4
75 – 5
... - 6
... - 7
... - 8
... - 9
... - 10

Today my bus from town was 15 minutes late. I arrived at work at 9.23. My bus trip takes 27 minutes. What time should my bus have left town?

Hint – use a number line

$$£10.34 - £6.18$$

Think together

- 1 A packet of rusks is $\frac{6}{7}$ full.



Draw a diagram to show how the biscuits can be shared equally between the 3 babies.

Write this as a division calculation.

$$\frac{6}{7} \div 3 = \frac{\boxed{}}{\boxed{}}$$

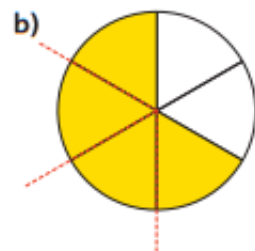
What fraction of the packet does each baby get?

Each baby gets $\frac{\boxed{}}{\boxed{}}$ of the packet.

- 2 What division calculations are shown?



$$\frac{\boxed{}}{\boxed{}} \div \boxed{} = \frac{\boxed{}}{\boxed{}}$$



$$\frac{\boxed{}}{\boxed{}} \div \boxed{} = \frac{\boxed{}}{\boxed{}}$$

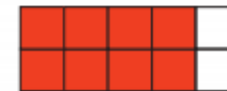
- 3 a) Use the diagrams to complete these calculations.



$$\frac{3}{5} \div 3 = \frac{\boxed{}}{\boxed{}}$$



$$\frac{\boxed{}}{\boxed{}} \div 5 = \frac{\boxed{}}{\boxed{}}$$



$$\frac{\boxed{}}{\boxed{}} \div 4 = \frac{\boxed{}}{\boxed{}}$$



$$\frac{\boxed{}}{\boxed{}} \div 5 = \frac{\boxed{}}{\boxed{}}$$

Is there a way you can find each answer without drawing a diagram?

- b) Work out the missing fractions without using a diagram.

$$\frac{3}{4} \div 3 = \frac{\boxed{}}{\boxed{}}$$

$$\frac{12}{25} \div 3 = \frac{\boxed{}}{\boxed{}}$$

$$\frac{8}{9} \div 2 = \frac{\boxed{}}{\boxed{}}$$

$$\frac{\boxed{}}{\boxed{}} \div 4 = \frac{2}{9}$$

CHALLENGE

I think there is a link between the numerators and what I am dividing by. I will check whether this works with the other questions I have done.



I will check my answers using diagrams.



Select the correct spelling to match the meaning.

activity that is done for enjoyment

☐ recreaetion

☐ re-creation

☐ recreation

☐ re-craetion

a short journey or trip often for enjoyment

☐ excursion

☐ excursion

☐ excurrision

☐ excurrision

a journey undertaken by a group of people particularly to explore an area

☐ expediton

☐ expidition

☐ ecspedition

☐ expedition

Find ten words using just the letters in the words below.

departure

tourism

The word holiday can be used as a verb or a noun.

1. Write one sentence using the word holiday as a noun.

Remember to punctuate your answer correctly.

2. Write one sentence using the word holiday as a verb.

Remember to punctuate your answer correctly.

Rewrite the sentence below, adding a relative clause. Remember to use the correct punctuation.

The aeroplane was delayed.

Which conjunction is best to complete the sentence below? Tick one.

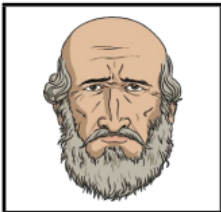
The queue to board the aeroplane was long _____ the staff were processing boarding passes as quickly as they could.

in addition

since

however

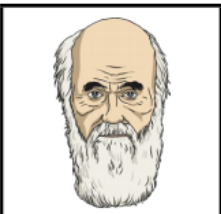
and



Anaximander of Miletus (c. 610 – 546 BC)

Greek Philosopher

I believed that the first animals lived in water during a wet phase of the Earth's past. I thought that the first land dwelling ancestors of humans would have been born in the water and then spent some of their life on land. Furthermore, I argued that the first human would have been the child of a different type of animal.



Charles Darwin (1809 – 1882)

Charles Darwin – old

English Naturalist and Geologist

I knew my ideas were controversial and I took a long time to mull them over. For 15 years I wrote about my journey on the HMS Beagle, what I had found and other books. While my friends knew I had my own ideas about transmutation, they did not realise the full extent. However, in 1856 everything changed. A certain Alfred Wallace published a paper called 'On the Law which has Regulated the Introduction of New Species'. My friend, Sir Charles Lyell, thought I should publish my own ideas as Wallace's were similar. At first I wasn't concerned but I had partly completed my book about evolution. In 1858, I was forced into action.



Epicurus (341 – 270 BC)

Greek Philosopher

I was a Greek philosopher and I wrote a poem called 'On the Nature of Things', which explained my understanding. I thought the goddess Gaia had spontaneously generated lots of different species in the past. I posited that only those that functioned the best survived and had offspring. However, I thought this was the result of abiogenetic events (where life arises from non-living things) for each species rather than just one event that led to lots of different species.



Zhang Zhou (c. 369 – 286 BC)

Chinese Philosopher (Taoist)

I was a Taoist philosopher. We believed that plants and animals did change and that the species were not fixed. We also speculated about how the environment affected the attributes of different living things. In general, Taoists thought that all living things, the Earth and the heavens were in a state of constant transformation rather than fixed.



Al-Jahiz (776 – 868)

Arab Prose Writer

I noticed patterns of how animals preyed on those who were weaker than them but were in turn eaten by animals who were stronger. I argued that all animals struggled for existence, resources, to breed and avoid being eaten. Those that were successful were better able to survive.



Alfred Wallace (1823 - 1913)

British Naturalist and Explorer

Knowing that Darwin was interested in ideas about transmutation, I sent him an article I had written in which I described natural selection and how it caused varieties of the same species. My evidence was from observations in South America and Asia. While our ideas were similar, Darwin emphasised competition for food more while I emphasised how environmental changes could lead to natural selection. However, I had not intended to publish my work straight away.

Read the information and then tick to show if these statements are true or false	True	False
Anaximander of Miletus: The first animals lived in water.		
Al-Jahiz: All animals had to struggle to survive, to find food and breed.		
Zhang Zhou: Animals struggle for existence.		
Pierre Louis Maupertuis: Adaptations only lead to new species.		
Alfred Wallace: Natural selection causes varieties of the same species.		
Epicurus: Strongest and most active animals survive and reproduce		