



HOME LEARNING

YEAR 6

23/04/2020

Morning Message

Good morning Year 6,

Thank you to those who have handed in their France topic work on Purple Mash. We did notice there have been a few children who have handed their work in but it doesn't look finished yet. Remember not to hand it in until you are ready for a teacher to see it. Until then, you can simply save it to continue working on. And you have until Friday to hand it in, so please do take that time if needed.

The answer to yesterday's riddle is *breath*. Today's riddle is: *I am not alive but yet I can grow; I have no lungs yet I need air; I have no mouth yet I can drown. What am I?*

We hope you are all keeping well,

Mr Larke and Ms. Yerlisu

Today's Picture



Writing

It is the morning of 23rd April and London has awoken to a strange sight hovering in the air above it. Is it an alien spaceship? Is it a vessel from the future? Who is inside? Are they friendly? Are they here to conquer us? You are the mayor of London and it is your job to approach the machine and find out. You are flown up in a helicopter. A door is lowered from the middle of the balloons and a gangway leads into the machine. You step onto the gangway and walk through the door.

Write a scene describing what you find and what happens next. Try to write one detailed scene

Some ideas (but it is completely up to you):

- an alien race have come to Earth in order to kidnap an important person. They think you will do... Your scene might describe you running from the main room and trying to escape – maybe you meet a friendly alien who decides to help you escape...
- a group of aliens from a far-flung galaxy who are visiting Earth for a holiday during a spaceship cruise. You might write some funny dialogue where you decide to act as a tour guide and show them around the city. Imagine how strange some of the sights might be for an alien race. “Why are those people putting sticks of fire into their mouth and breathing in!”

Tips for success:

Think about what type of scene you would like to write then jot down what would make it successful. If I were to write the alien tourist scene above, I would include:

- **comical dialogue between the aliens and humans that reveal humour about Earth**
- **correctly punctuated speech throughout**
- **descriptions of London’s sights and sounds from an alien’s perspective**
- **a variety of sentence lengths and structures for effect**

Reading

Day 4: Pupil-led questions

Write 3 on-the-line questions.

Write 2 between-the-lines questions.

Write 1 beyond-the-text question.

Remember to guide parents/siblings to which page they will find the answer on if you have someone to answer the questions.

Maths

In this lesson, you will work with percentages to solve a range of problems. You will use what you know about percentage and fraction equivalence to make decisions about calculating and to help recognise representations.

Tips

- Finding 10% of a quantity by finding $\frac{1}{10}$. Example- 10% of 320 is $320 \div 10 = 32$, 1% of 320 is $320 \div 100 = 3.2$ is $\frac{1}{100}$
- Write a percentage as a fraction with the denominator 100? 38% is $\frac{38}{100}$ simplified $\frac{19}{50}$
- Use a bar model to represent a problem involving percentages



Power Up

Calculate

$1.42 \times 4 = \square$

and

$2.84 \times 2 = \square$

Now calculate

$2.31 \times 8 = \square$

and

$4.62 \times 4 = \square$

Explain what you notice to your partner.

Make up your own pair of equations like these.

Example

First and second calculations are equal. Can you explain why? Look at the product of numbers.

The **product** of two numbers is the result you get when you multiply them together.

$24 \times 3 = 72 \quad \text{and} \quad 12 \times 6 = 72$

Problem solving – percentages

Discover



One day sale!

25% off

20% off

The full price of my computer is £450.

I paid £330 for my television after the discount.

Amal

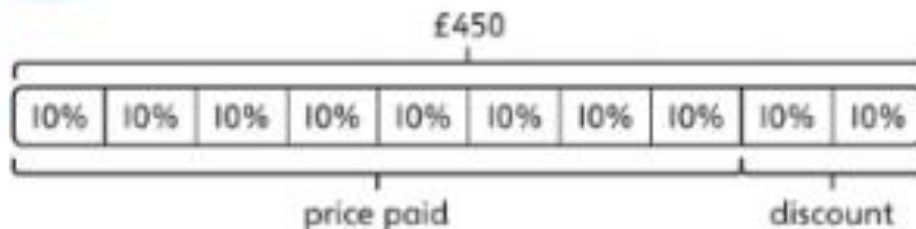
Jen

- 1 a) How much does Jen pay for her computer?
- b) What is the full price of Amal's television?

Share

a)

I'm going to find 20% of £450 and then subtract it from the full cost.



$$450 \div 10 = 45$$

10% of £450 is £45 so 20% is double this.

$$£45 \times 2 = £90$$

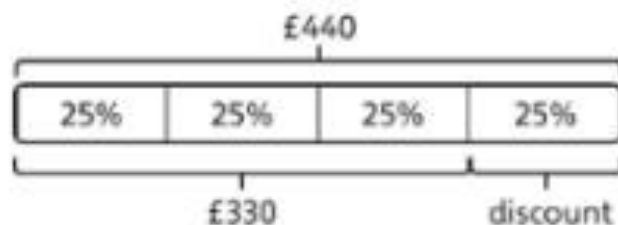
$$£450 - £90 = £360$$

Jen pays £360 for her computer.

I think that I can just find 80% of the full price because $20\% + 80\% = 100\%$.

b)

25% is the same as $\frac{1}{4}$, so we can draw a bar model with 4 parts.



The value of 1 part (25%) is $£330 \div 3 = £110$.

The full price is 4 of these parts: $£110 \times 4 = £440$.

The full price of Amal's television is £440.

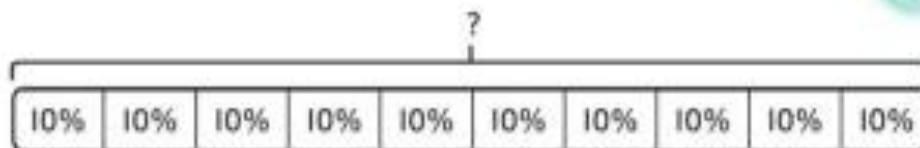
Think together

1 Jen also buys a case for her new computer.

The case is reduced by 30%.

The price is now £42.

What was the full price of the computer case?



The full price of the computer case was £ .

I need to think about the percentage of the full price that £42 represents.



2 The table shows the number of customers in the shop on the day of the sale.

Find the missing information.

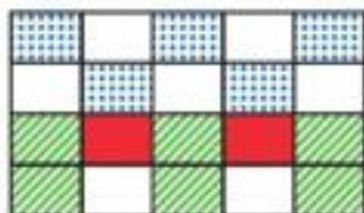
	Adults	Children
Percentage (%) of total customers	60%	<input type="text"/>
Number of customers	<input type="text"/>	700

Remember that 100% represents all of the customers.

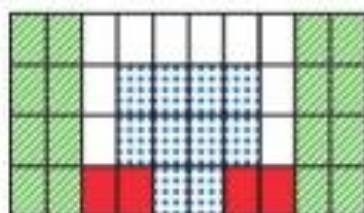


3 a) Which grid matches this description?

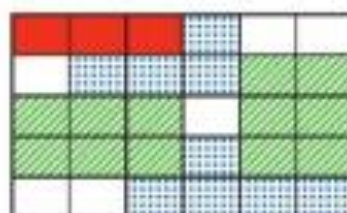
25% dotted blue, 40% striped green and 10% solid red



A



B



C

b) What percentage of the grid you identified in part a) is white?

4 The class is voting for Alex, Jamie or Lee to be on the School Council.

CHALLENGE

I got 35% of the vote.

I got $\frac{2}{5}$ of the votes.

I got the rest of the votes.

Alex

Jamie

Lee

What percentage of votes did the winner get?

I'm going to think about fraction and percentage equivalents.

I'm also going to think about using a bar model to represent the information I already know.

Power Maths Book- 66, 67, 68

Weekly Spellings

This week we will be learning/revising the third 25 words from the spelling list. Learn from *identity* to *pronunciation*.

Word list – years 5 and 6

accommodate	embarrass	persuade
accompany	environment	physical
according	equip (–ped, –ment)	prejudice
achieve	especially	privilege
aggressive	exaggerate	profession
amateur	excellent	programme
ancient	existence	pronunciation
apparent	explanation	queue
appreciate	familiar	recognise
attached	foreign	recommend
available	forty	relevant
average	frequently	restaurant
awkward	government	rhyme
bargain	guarantee	rhythm
bruise	harass	sacrifice
category	hindrance	secretary
cemetery	identity	shoulder
committee	immediate(ly)	signature
communicate	individual	sincere(ly)
community	interfere	soldier
competition	interrupt	stomach
conscience*	language	sufficient
conscious*	leisure	suggest
controversy	lightning	symbol
convenience	marvellous	system
correspond	mischievous	temperature
criticise (critic + ise)	muscle	thorough
curiosity	necessary	twelfth
definite	neighbour	variety
desperate	nuisance	vegetable
determined	occupy	vehicle
develop	occur	yacht
dictionary	opportunity	
disastrous	parliament	

Foundation Topic Work (for the week)

France

Our geography topic this half-term is France. This week you will be researching details about the city of Paris and creating an information leaflet.

This task has been set for you on Purple Mash. Go to the red To Do button at the top left of your screen. When you have finished your work for the day, click on the red arrow at the top right of the screen and then save and exit. You will be asked if you want to continue the work or hand it in. Only hand it in when you have finished your weekly task and then your teacher can look at your work.

Diary

Write a diary of what work and activities you did today. Remember to include your thoughts, feelings and opinions.