Kestrels – Wednesday 18th March 2020

Maths- Percentages in the context of money.

Brain break!

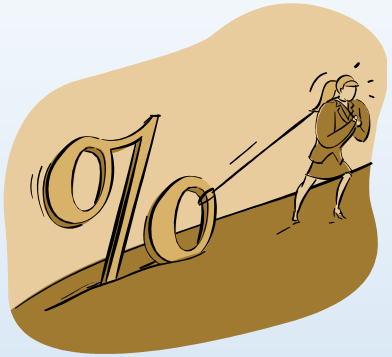
English- Identify the features of a well-written newspaper article.

Grammar, punctuation and spelling- Quick quiz, I before e except after c.

Brain break!

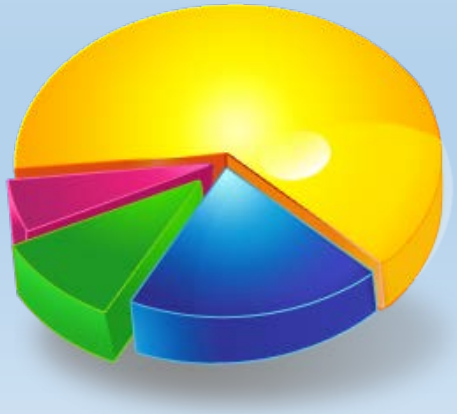
Science- What did the results of your Science experiment show?

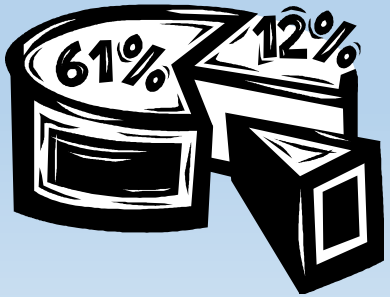
Art- Find a beautiful picture where the sky is blended, can you replicate it in pencil or paint?



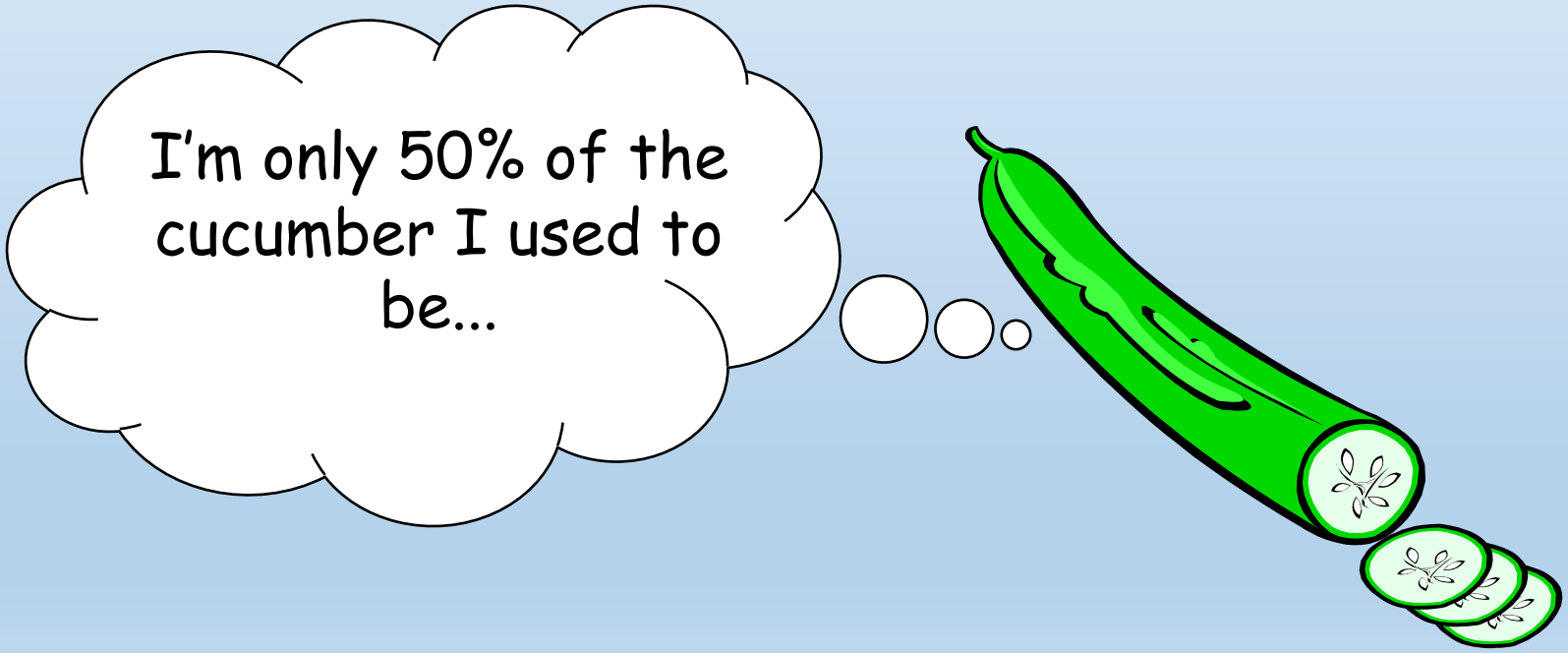
Perfect Percentages

L.O. Find percentages of numbers or quantities including word problems.





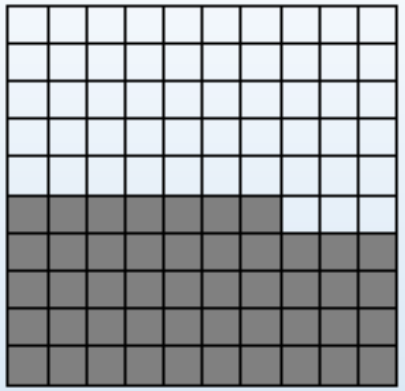
What does the term 'per cent' actually mean?



These are hundred squares, what percentages do they show?

Are there any easier methods to work them out?

(a)



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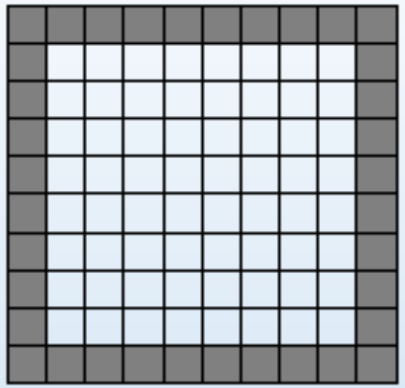

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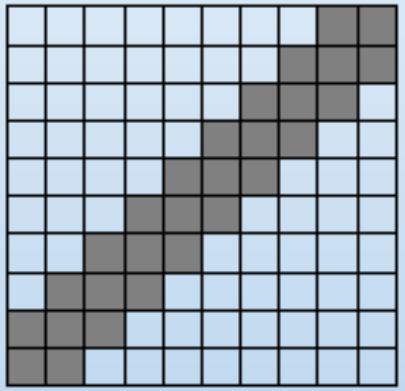

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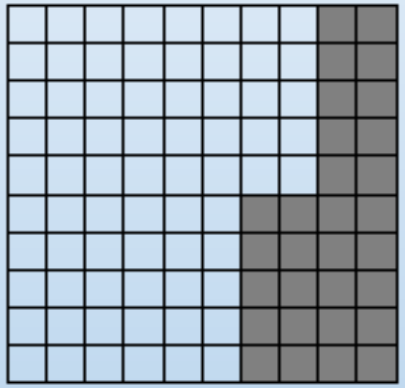

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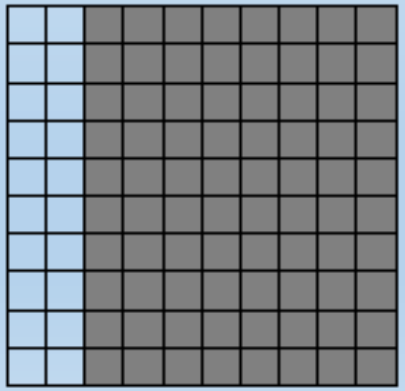

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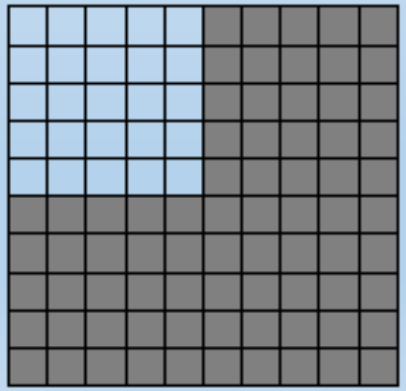
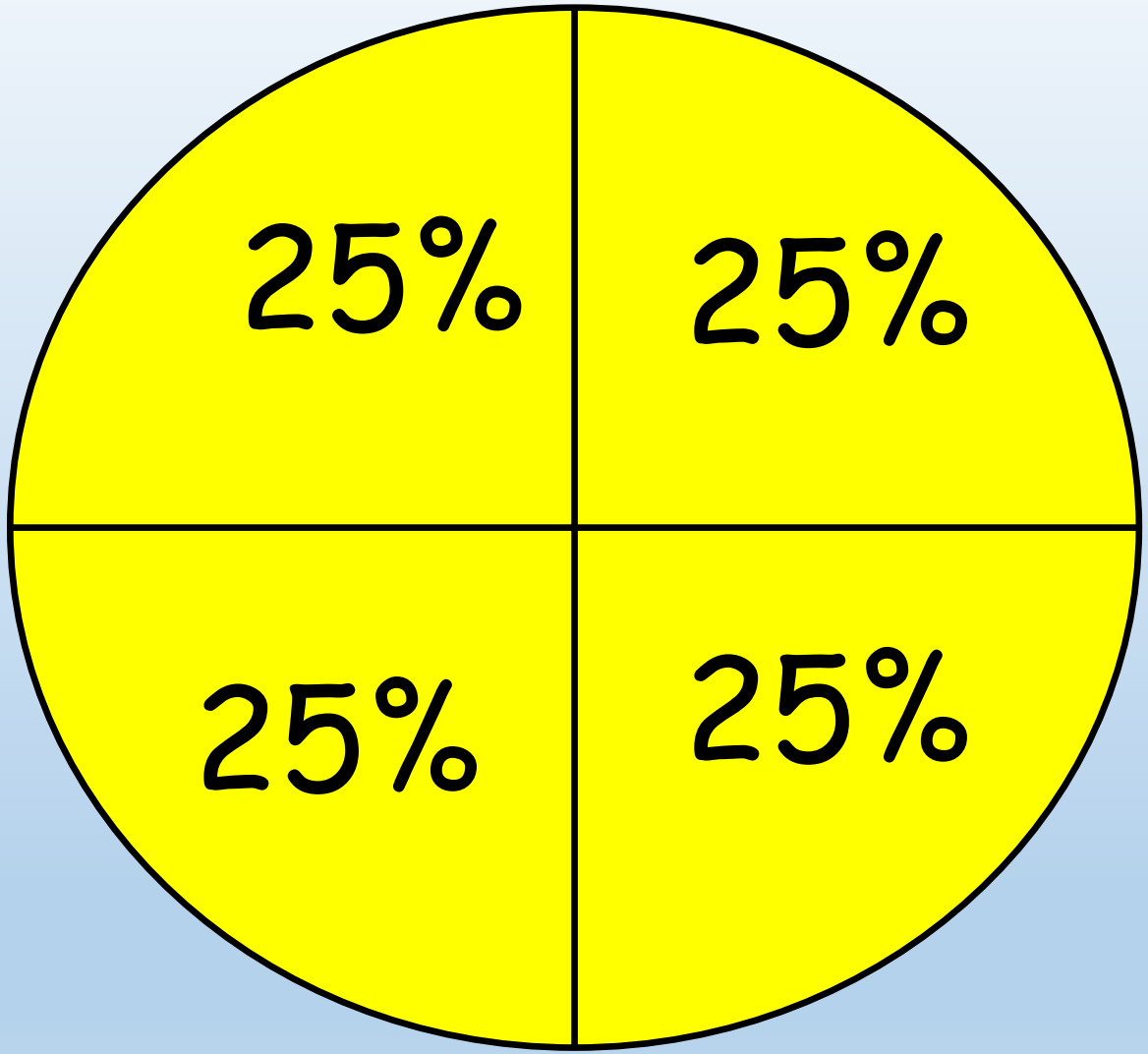


- To find 10% divide the original number by ten.
- To find 20% find 10% and double it.
- To find 50% half it.
- To find 25% half it, and half it again.
- To find 5% find 10% and half it.
- To find 1% divide by 100.


25%
25%
25%
25%

Derek's Discounts

Find the new prices of the items in Derek's shop!

Summer has officially begun. **50% off** all hats!

Summer has officially begun. **50% off** all hats!

Summer has officially begun. **25% off** white T-shirts!

Going to a ball? **10% off** Men's formal wear. How much is the Tuxedo now?

£480

Getting married? **20% off**
WEDDING DRESSES.

40% off quaint attire. How much is this hat?

40% off all quaint attire.
How much is this outfit?

30% off Trendy Specs.

1% off second hand car.

Still not sold it! 3% off second hand car.

Still not sold it!!! 90% off second hand car.

Still not sold it!!! 100% off second hand car.

Bronze challenge:

1. 30% of £400
2. 60% of £240
3. 40% of £50
4. 20% of £2.40
5. 35% of £480
6. 25% of £80
7. 75% of £360
8. 85% of £2600
9. 95% of £2.00
10. 15% of £3.20

Silver challenge:

1. 35% of £400
2. 65% of £240
3. 42% of £50
4. 28% of £2.40
5. 35% of £480
6. 27% of £80
7. 78% of £360
8. 82% of £2600
9. 97.5% of £2.00
10. 15.5% of £3.20

Gold challenge:

1. 32% of £400
2. 67% of £240
3. 41% of £50
4. 23% of £2.40
5. 37% of £480
6. 29% of £80
7. 72.5% of £360
8. 87.5% of £2600
9. 95.5% of £2.00
10. 15.2% of £3.20

Method: Find easier percentages first and then add them to make your final amount. If your number has a large decimal, round it to the nearest pence.

English

L.O: To identify the features of a well-written newspaper.

Read the news article on the next few pages and, as you read, identify some of the features which make it a good article.

If you find some words or phrases you like, make sure you note them down to use in your own writing! There is no harm in taking ideas from others!

THE HOBBITON HERALD

www.hobbiton-herald.com THE SHIRE'S FAVOURITE NEWSPAPER 6 pennies

BAGGINS
IS BACK!

SURPRISE RETURN OF HOBBIT THOUGHT DEAD

By Andwise 'Andy' Roper

The quiet village of Hobbiton-on-the-Water was yesterday in uproar due to the unexpected re-appearance of Mr Bilbo Baggins, who left the Shire months ago, accompanied by the wizard Gandalf. Where has he been all this time?

A large crowd of Hobbits had gathered at Mr Baggins' home, Bag End, where his property was being sold off by his cousins, Mr and Mrs Sackville. They had asked some months ago for Mr Baggins to be declared dead and had subsequently claimed Bag End as their
own inheritance.

Having demonstrated that he was very definitely alive, Mr Baggins demanded that everyone should leave his house. Mrs Sackville was heard to say, "It's outrageous! How can we be sure he's not an imposter?" However, Mr Baggins has told his story exclusively to the
Hobbiton Herald.

Bilbo Baggins, Gandalf and a party of dwarves (led by Thorin Oakenshield) departed some time ago on a quest to recover lost treasure, stolen centuries before by the fearsome dragon Smaug, hundreds of miles away beyond the Misty Mountains. Their journey through foreign territories was perilous and Bilbo claims that their lives were endangered many times.

Early on, they were captured by trolls; they only avoided being eaten because Gandalf tricked the creatures and turned them to stone. While sheltering from a violent storm in the Misty Mountains, they were trapped again – this time by hordes of vicious, evil goblins. Bilbo explained they had got away because Gandalf killed the Great Goblin with magic.

Lost and alone underground, Bilbo next met a strange creature called Gollum, who agreed to help if the hobbit could answer a series of riddles. Unfortunately, this individual betrayed Bilbo's trust. Mr Baggins wouldn't detail how he managed to escape – he is strangely reluctant to discuss this particular event…

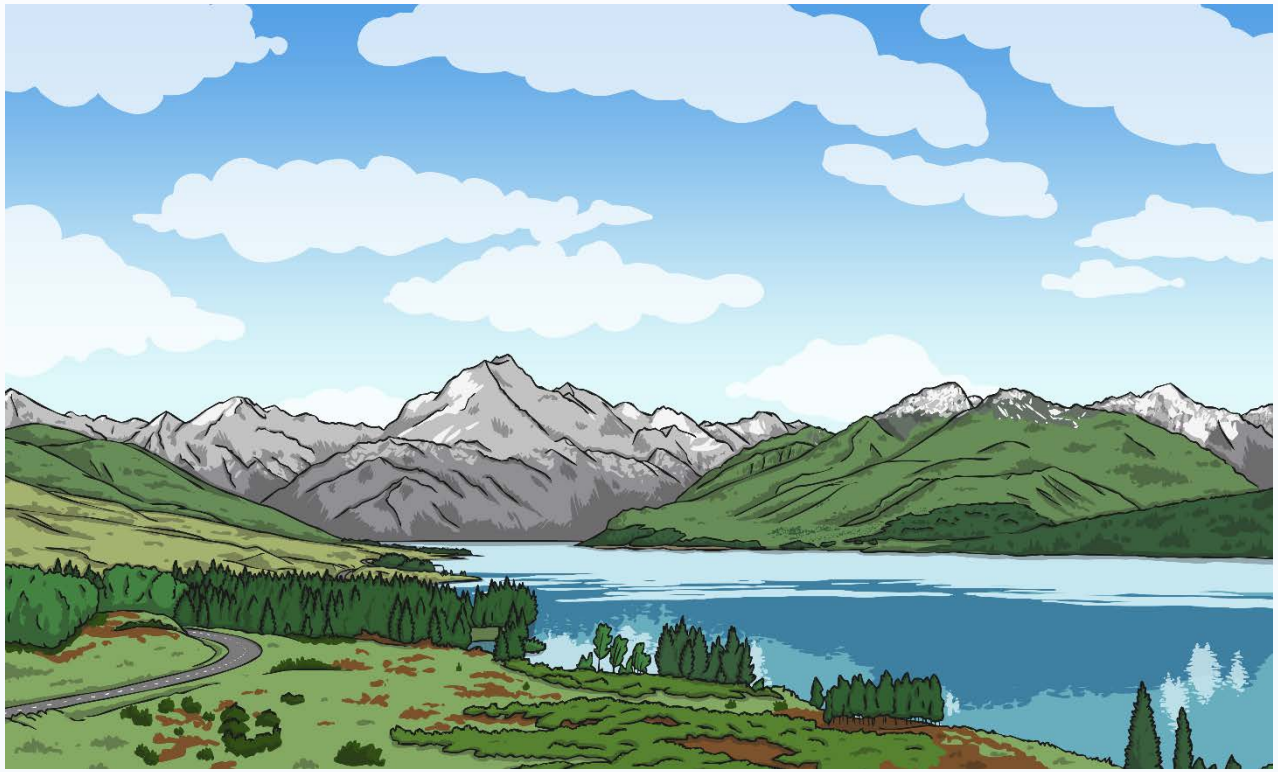
Bilbo Baggins

In Mirkwood, the adventurers unwisely strayed from the path and consequently were imprisoned again. Quick-thinking Bilbo saved them from years in the dungeons: “I made everyone climb into barrels and we floated down the river.” he explained.

When they finally reached their destination – the Lonely Mountain – they found a scene of such desolation that the dwarves were initially unable to find the way into their family home. Bilbo saved the day. He not only located the entrance but also devised how to kill the dragon. Following Smaug’s death, they were attacked by the goblins and their allies. Although the evil creatures were defeated, Thorin was unfortunately killed.

Grateful for all his help, the dwarves rewarded Bilbo with treasure and he set off home with Gandalf. After a less eventful journey back, he arrived in Hobbiton only to find everyone thought he was dead!

Now that Mr Baggins has recovered from his epic adventure, he says he has asked the police to make the Sackvilles hand back his property. He will be staying at Bag End for the foreseeable future: “No more adventures for me!” said Bilbo, grinning.



The Lonely Mountain

Who do you think the audience for the newspaper article was?

Why do you think it was a 'newsworthy' story?

Tomorrow you will compare your list of features to the list I have identified to see if we agree!

1. Which sentence contains two **nouns**?

Tick **one**

The brave girls crept towards the lion. ☐

All of the children argued and complained. ☐

The elephant's long, grey trunk sprayed water. ☐

Suddenly, the door slammed shut loudly. ☐

1 mark

Grammar and Punctuation

Think carefully about what a noun is.

Extension: Can you find the subject and the object of each sentence?

Subject of the sentence does the action.

Object of the sentence has the action done to it.

Eg. The dog caught the ball.

Spelling: i before e except after c when it makes an ee sound.

Which words are spelt incorrectly? Can you correct them?

Reciept

Receive

Percieve

Cieling

Deceive

Can you write some definitions for the words?

Science

L.O: To explain what the results of an experiment show.

Time of day	Length of shadow
9:00 a.m.	2m 32 cm
10:00 a.m.	1m 55 cm
12:00 p.m.	1m 20 cm
2:00 p.m.	1m 73 cm
4:00 p.m.	2m 84 cm

What do these results show? Can you write it in a comparative sentence? (e.g. The faster the person ran, the higher their heart rate was.)

Can you explain why these results came out like this?

Extension: Draw a graph of the results.

Now consider your Science experiments from yesterday- can you write a detailed conclusion about the results? If you repeated the experiment what would you change and why?

Art

L.O: To find a well-blended picture of a sky.

Find/choose a beautiful picture where the sky is blended, can you replicate it in pencil or paint?