

Remote Learning – Class 4

Wednesday 17th November 2021

17.11.21

Maths

Divide by 10

- Today in Maths, we are looking at dividing numbers by 10.
- To understand more about this topic please use the link below.
- Watch the video 'Divide by 10'.
- Link: <https://whiterosemaths.com/homelearning/year-4/week-10-number-multiplication-division/>

1) 1 hundred = _____ tens
1 hundred = _____ ones

2) £1 = _____ × 1 p
£1 = _____ × 10 p

3) $\frac{1}{10}$ of 40 = 40 ÷ _____

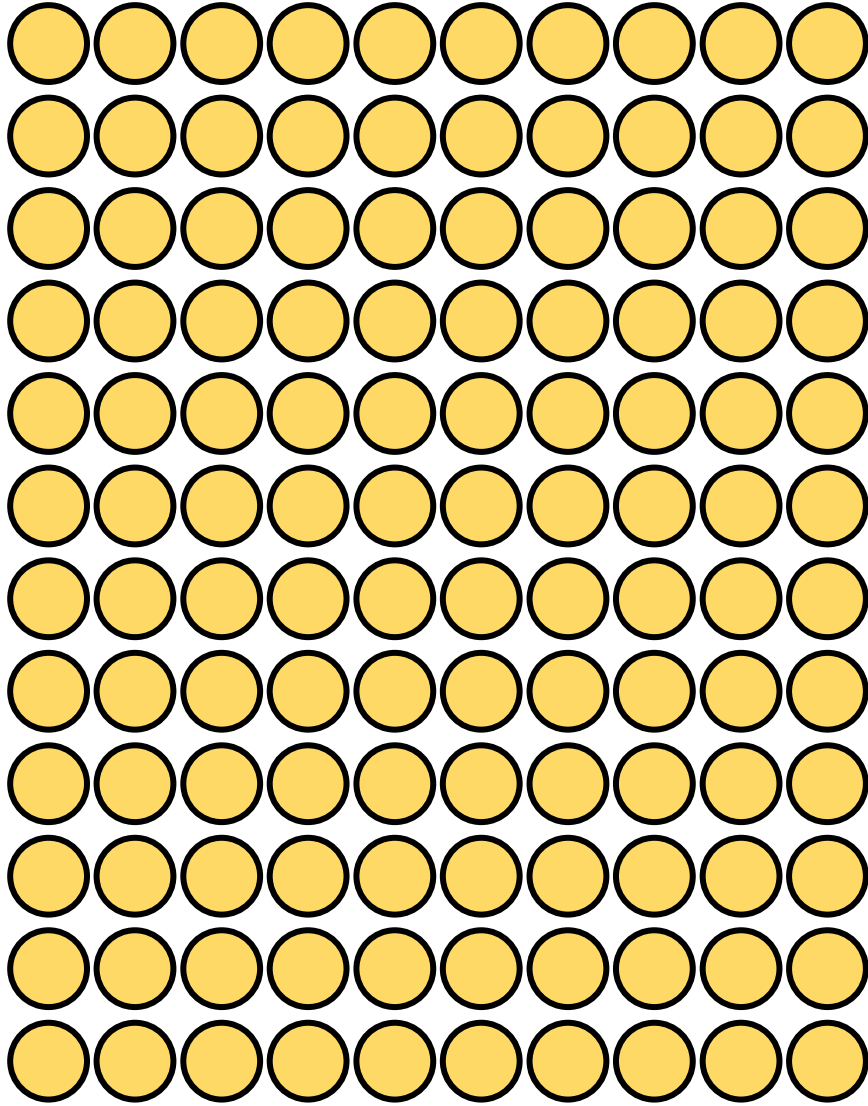
$\frac{1}{10}$ of 40 = _____

1) 1 hundred = 10 tens
1 hundred = 100 ones

2) £1 = 100 × 1 p
£1 = 10 × 10 p

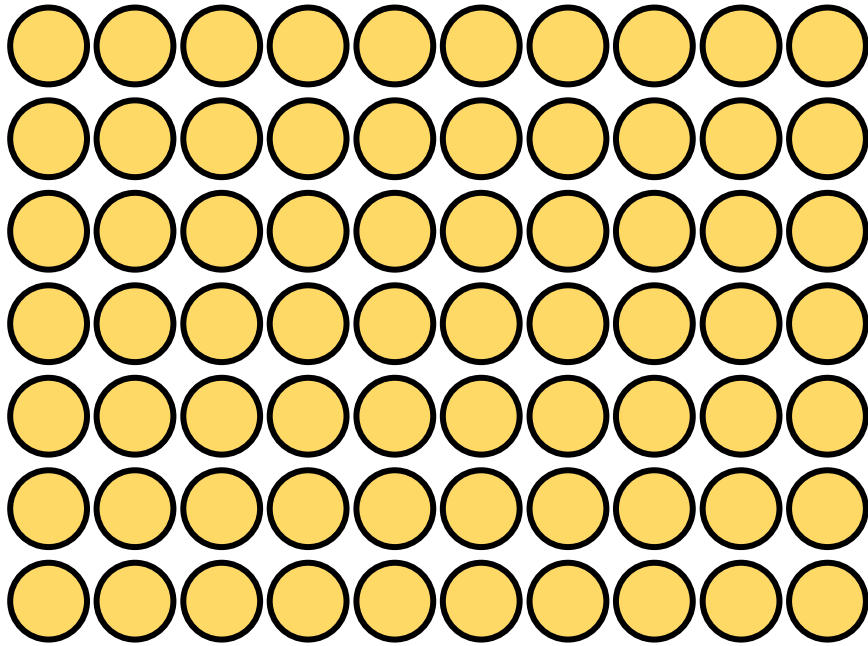
3) $\frac{1}{10}$ of 40 = 40 ÷ 10

$\frac{1}{10}$ of 40 = 4



$$20 \div 10 = 2$$

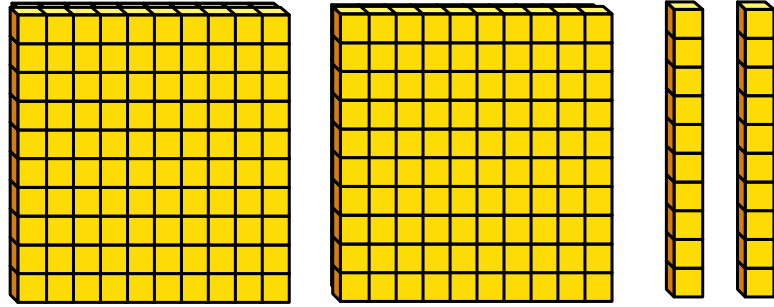
20 = 2 groups of 10



$$60 \div 10 = 6$$

60 = 6 groups of 10

$$220 \div 10 = \underline{22}$$



$220 = 2 \text{ hundreds} + 2 \text{ tens}$

$1 \text{ hundred} = 10 \text{ tens}$

$2 \text{ hundreds} = 20 \text{ tens}$

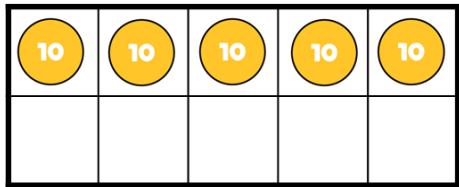
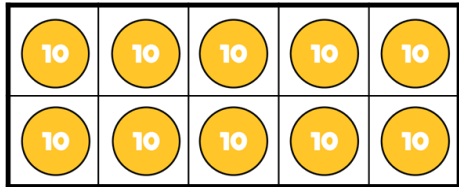
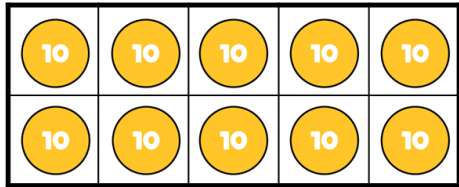
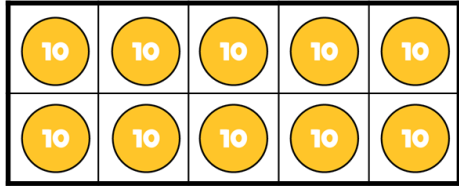
There are 22 tens altogether.

$220 = 22 \text{ groups of } 10$

We need to find
how many **groups**
of 10 are in 220

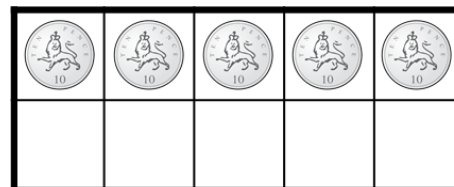


$$350 \div 10 = \underline{35}$$



Ten 10s = 1 hundred

$$\text{£}3 \text{ and } 50 \text{ p} \div 10 \text{ p} = \underline{35}$$



Ten 10 p = £1

Th	H	T	O



10 times
the size

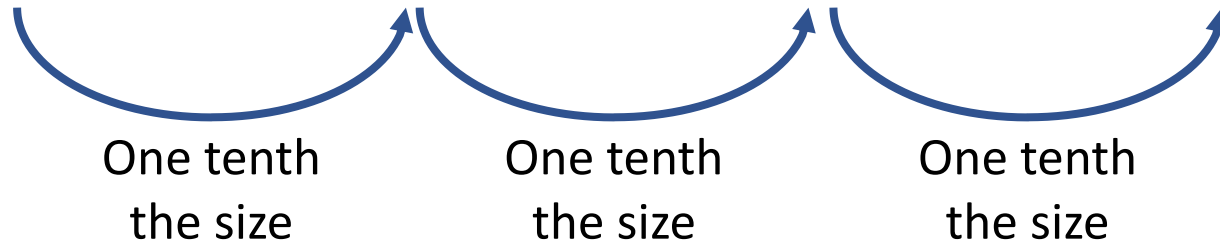


10 times
the size

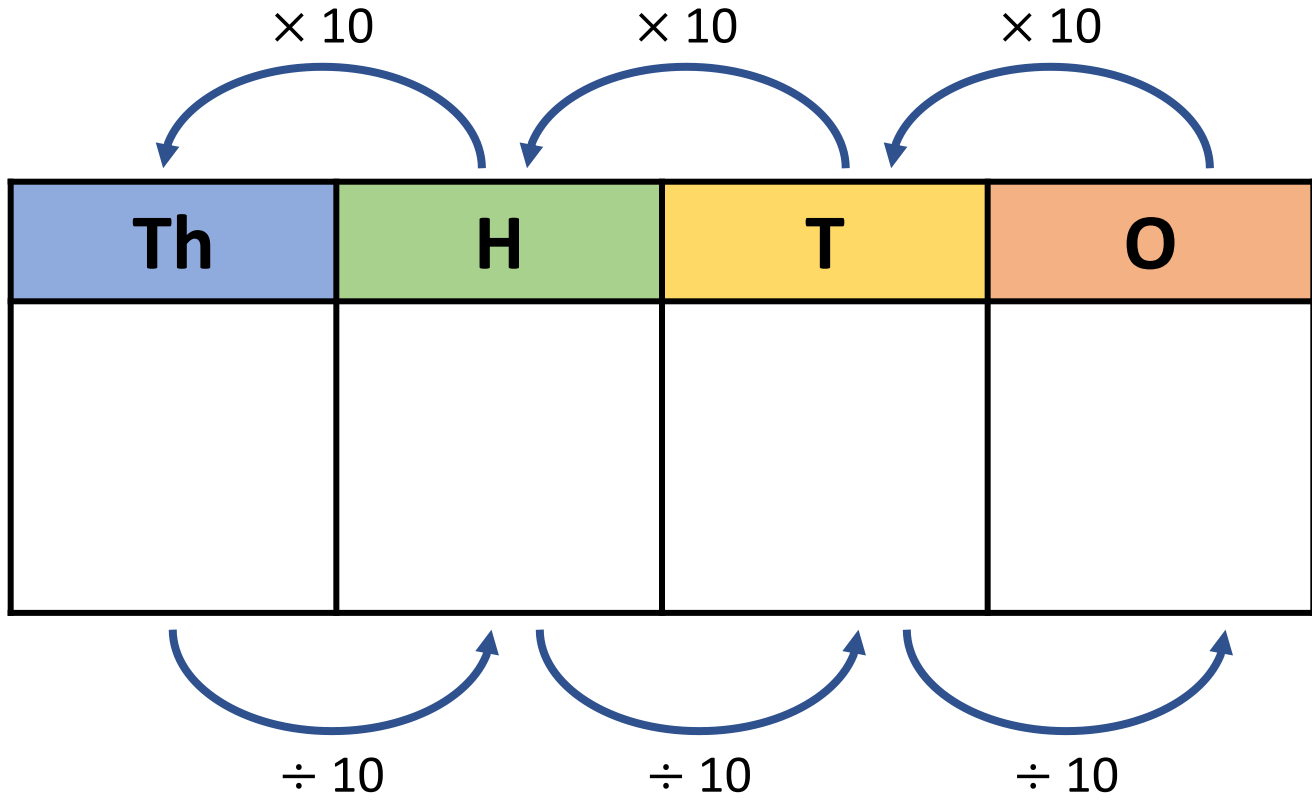


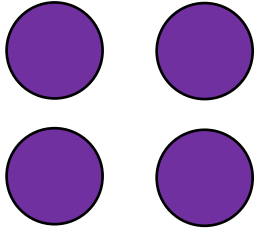
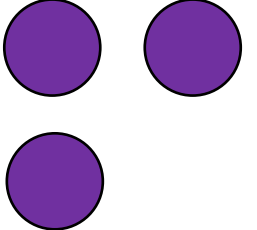
10 times
the size

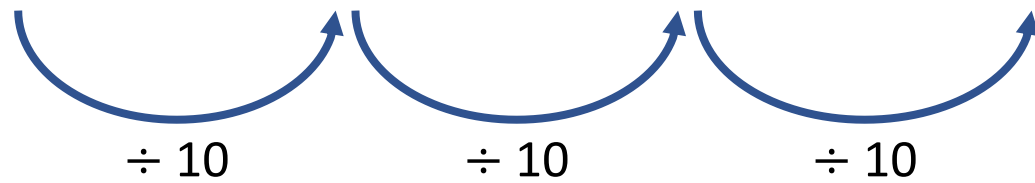
Th	H	T	O



To find one tenth, we divide by 10



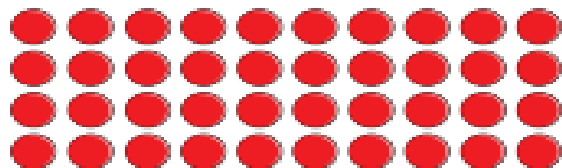
Th	H	T	O
			



$$430 \div 10 = 43$$

Divide by 10

- 1 Complete the calculation shown by the array.



$$40 \div 10 = \square$$

- 2 Complete the calculations.

a) $30 \div 10 = \square$

d) $80 \div 10 = \square$

b) $60 \div 10 = \square$

e) $100 \div 10 = \square$

c) $90 \div 10 = \square$

f) $\square = 120 \div 10$

- 3 Balloons come in bags of 10

Huan has 130 balloons.

How many bags does he have?

Huan has \square bags of 10 balloons.



- 4 a) Whitney makes 150 using base 10



I am going to exchange my hundred for tens

Complete the sentences.

$$150 = 1 \text{ hundred} + \square \text{ tens}$$

$$1 \text{ hundred} = \square \text{ tens}$$

Whitney has \square tens altogether.

$$150 \div 10 = \square$$

- b) Make 230 using base 10

Complete the sentences.

$$230 = \square \text{ hundreds} + \square \text{ tens}$$

$$\square \text{ hundreds} = \square \text{ tens}$$

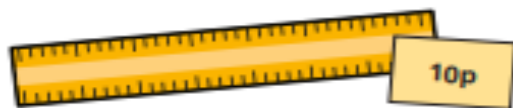
There are \square tens altogether.

$$230 \div 10 = \square$$

- 5 Mr Smith has this amount of money.



He buys some rulers costing 10p each.



Mr Smith spends all of his money.
How many rulers does he buy?

- 6 Aisha has a bag of 10p coins.
She has £3 and 40p altogether.
How many 10p coins does Aisha have?

Aisha has 10p coins.



- 7 Fill in the missing numbers.

a) $360 \div 10 = \square$

d) $\square \div 10 = 41$

b) $630 \div 10 = \square$

e) $\square = 75 \text{ tens} \div 10$

c) $10 \times \square = 520$

f) $86 = \square \text{ tens} \div 10$

- 8 A pool is 10 m long.

Annie and Mo are swimming lengths of the pool.

Annie swims 85 lengths.

Annie and Mo swim 1,240 m in total.

How many lengths does Mo swim?

- 9 Complete the calculations.

a) $360 \div 10 \div 3 = \square$

c) $720 \div 10 \div \square = 8$

b) $450 \div 10 \div 5 = \square$

d) $\square \div 10 \div 4 = 1$

Name: _____

- | | | | | |
|-------------------|--------------------|--------------------|--------------------|--------------------|
| 1. $\frac{3}{9}$ | 10. $\frac{3}{6}$ | 25. $\frac{3}{12}$ | 37. $\frac{3}{5}$ | 49. $\frac{3}{7}$ |
| 2. $\frac{3}{12}$ | 11. $\frac{3}{8}$ | 26. $\frac{3}{11}$ | 38. $\frac{3}{1}$ | 50. $\frac{3}{3}$ |
| 3. $\frac{3}{5}$ | 15. $\frac{3}{5}$ | 27. $\frac{3}{7}$ | 39. $\frac{3}{5}$ | 51. $\frac{3}{11}$ |
| 4. $\frac{3}{1}$ | 16. $\frac{3}{8}$ | 28. $\frac{3}{11}$ | 40. $\frac{3}{4}$ | 52. $\frac{3}{12}$ |
| 5. $\frac{3}{10}$ | 17. $\frac{3}{1}$ | 29. $\frac{3}{6}$ | 41. $\frac{3}{3}$ | 53. $\frac{3}{5}$ |
| 6. $\frac{3}{5}$ | 18. $\frac{3}{12}$ | 30. $\frac{3}{12}$ | 42. $\frac{3}{10}$ | 54. $\frac{3}{1}$ |
| 7. $\frac{3}{7}$ | 19. $\frac{3}{2}$ | 31. $\frac{3}{9}$ | 43. $\frac{3}{1}$ | 55. $\frac{3}{9}$ |
| 8. $\frac{3}{5}$ | 20. $\frac{3}{3}$ | 32. $\frac{3}{3}$ | 44. $\frac{3}{10}$ | 56. $\frac{3}{6}$ |
| 9. $\frac{3}{6}$ | 21. $\frac{3}{1}$ | 33. $\frac{3}{7}$ | 45. $\frac{3}{10}$ | 57. $\frac{3}{1}$ |
| 10. $\frac{3}{7}$ | 22. $\frac{3}{1}$ | 34. $\frac{3}{2}$ | 46. $\frac{3}{2}$ | 58. $\frac{3}{2}$ |
| 11. $\frac{3}{6}$ | 23. $\frac{3}{9}$ | 35. $\frac{3}{11}$ | 47. $\frac{3}{3}$ | 59. $\frac{3}{1}$ |
| 12. $\frac{3}{2}$ | 24. $\frac{3}{4}$ | 36. $\frac{3}{4}$ | 48. $\frac{3}{2}$ | 60. $\frac{3}{10}$ |

Time taken:
(estimate time)

:

Score:

/60



Literacy

The Features of a Newspaper Report

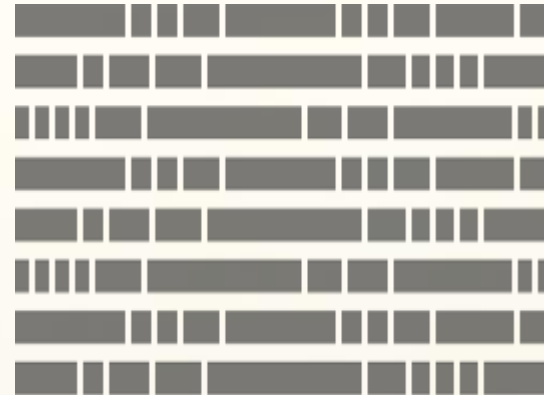
Newspapers have a range of features that attract the reader.

Can you think of any of these features?



HEADLINE

Newspapers use the headline to try to grab the readers' attention. It might even use a pun, rhyme or alliteration. Which one of these catchy headlines makes you want to read more?

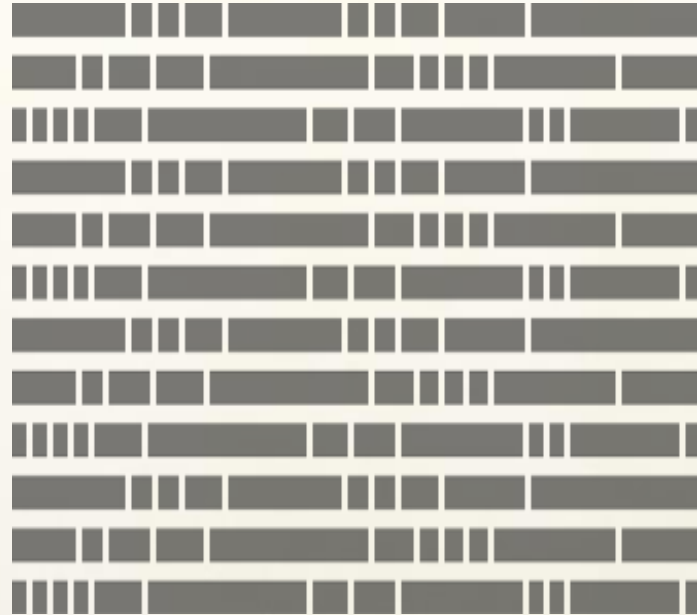
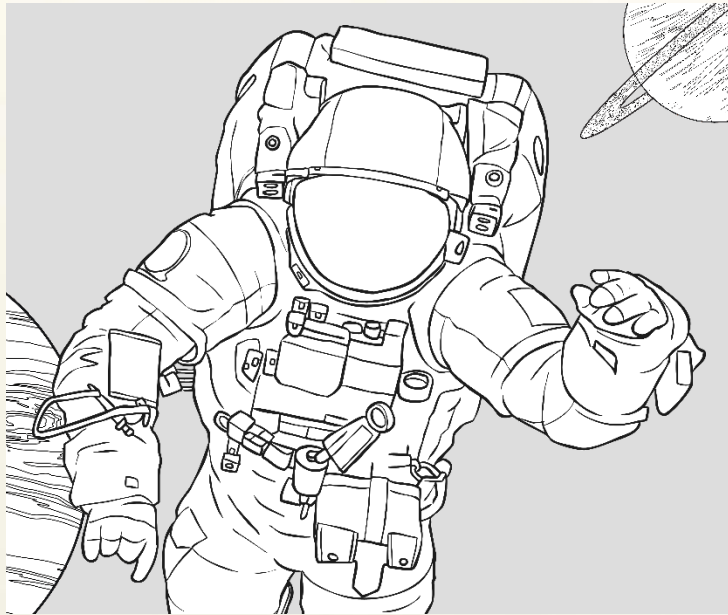


ROMAN COIN SURPRISE FOR MRS SHIP

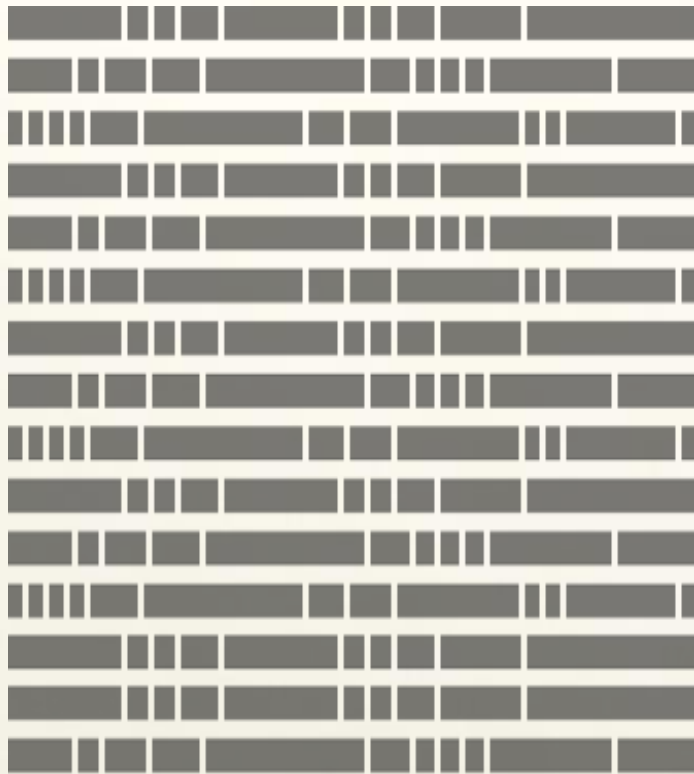
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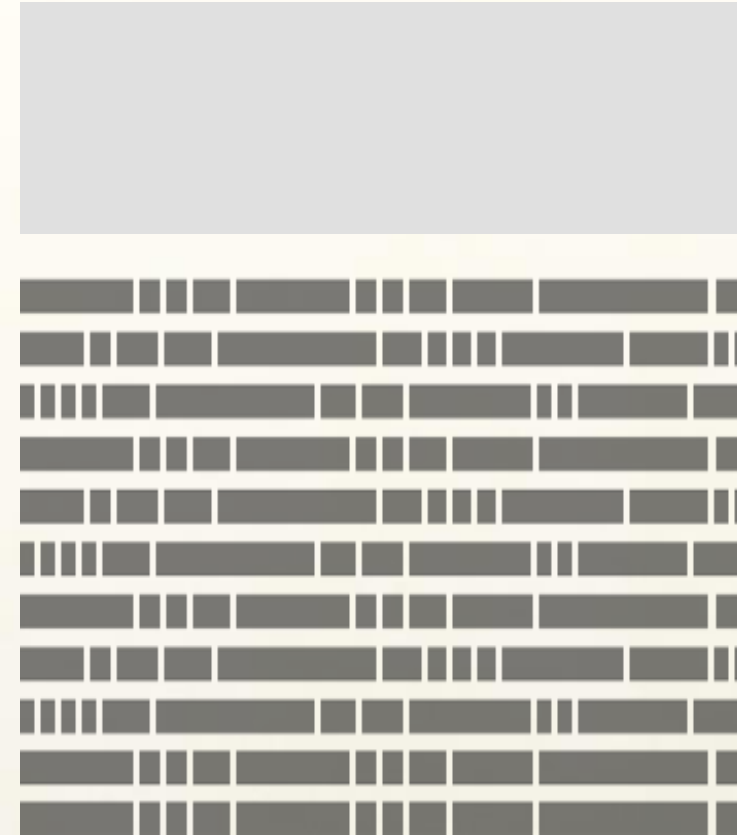
BACK TO EARTH WITH A BUMP!



LUCKY LOTTERY WINNERS... WIN AGAIN!



BAGGINS IS BACK!



Introductory Paragraph

A newspaper report begins with an introductory paragraph that includes the **five Ws**.

What
happened?

When did
it happen?

Where did
it happen?

Who was
involved?

Why did
it happen?

BACK TO EARTH WITH A BUMP!

Reported by Amanda Kelper, Media Correspondent, London

After a six month stay on the International Space Station (ISS), astronauts Tim Peake, Yuri Malenchenko and Timothy Kopra have finally returned home to Earth.

Last week, British astronaut Tim Peake returned home from an incredible six month stay aboard the ISS, alongside his crewmates Yuri Malenchenko and Timothy Kopra. He is the first British astronaut to have lived on the ISS.



Landing with a bump! Tim Peake lands safely in Kazakhstan.

Can you spot the **five Ws** in the start of this report?

Captions and Pictures

Photos and captions will help to tell the story by giving the reader a snapshot of what has happened, where it happened or who it happened to.



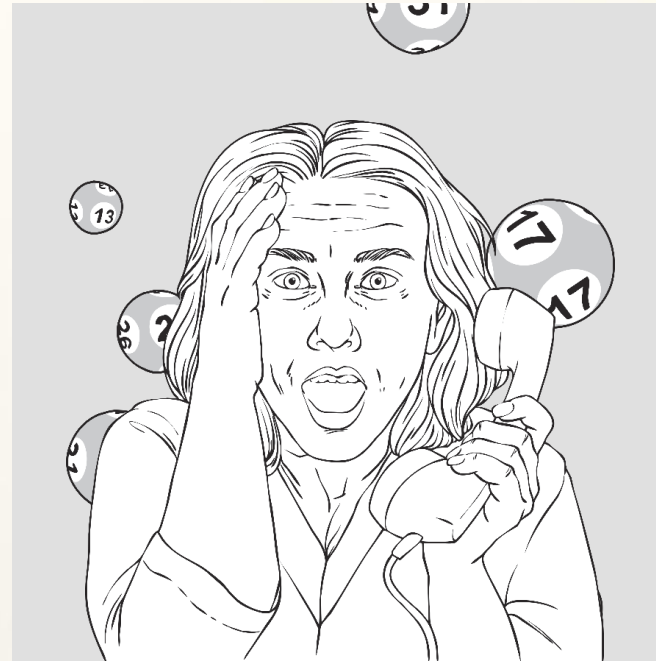
A caption explains to the reader what is happening in a picture. The caption is usually placed underneath the picture.

What do you think a report using this picture would be about?

Quotes

Quotations tell us what has been said and who has said it. They can help to make the story credible by giving the reader the opinions of the people involved. Remember to use inverted commas!

“
████████████████████████████████████████
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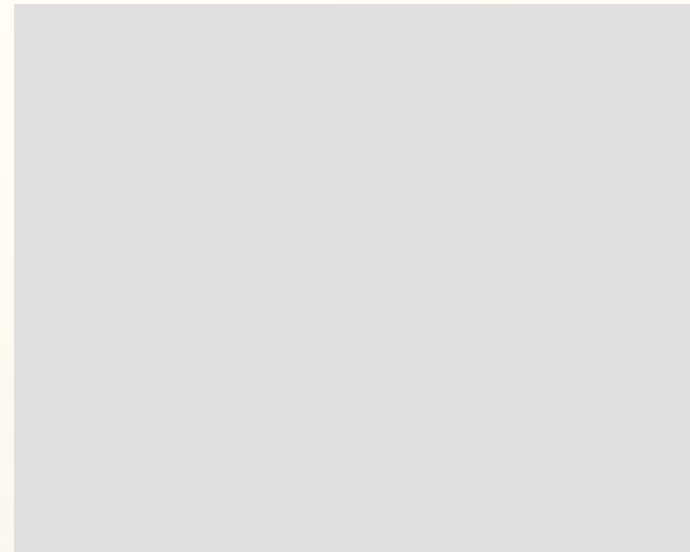
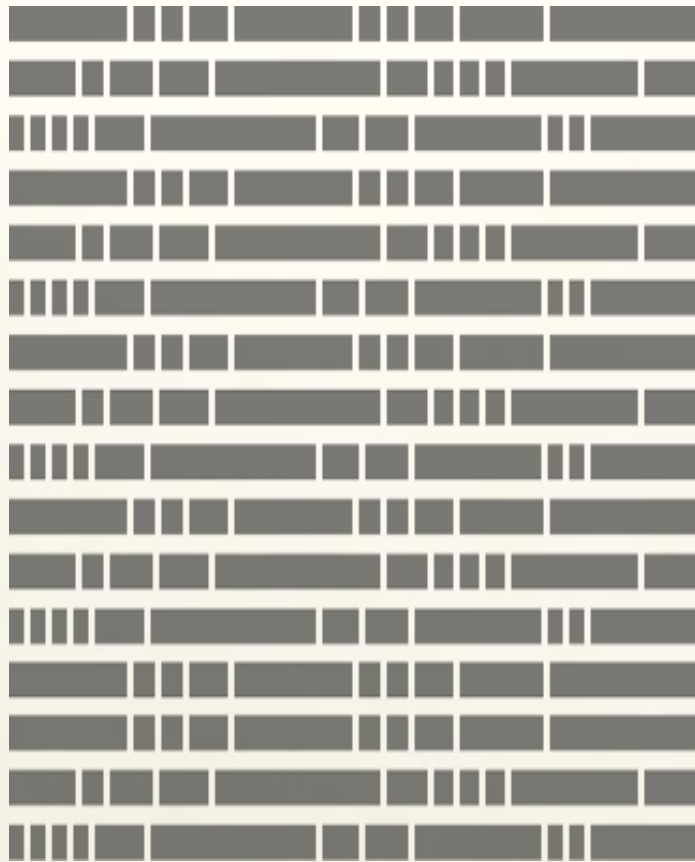


“We were all jumping around and dancing in the living room. We never believed it could happen again,” Alisha commented.

“Sally asked me to stop working because I was about to hit whatever she’d seen. I hadn’t even spotted them,” commented builder Karl Webb.

“It’s a brilliant feeling. It’s been a long road. I’m happy, but I’m relieved. It’s great to be in the history books as one of the greatest. I’m proud of myself,” he told reporters.

Concluding Paragraph



A concluding paragraph is often used to tell the reader what might happen next.

What do you think might happen next in this report about some very lucky lottery winners?



LUCKY LOTTERY WINNERS... WIN AGAIN!

Reported by Susan Sharp, Media Correspondent, Ports Bay

The two winners have exclusively revealed that they'll be donating £600 000 of their win to local, national and international charities. 'They need the money more than we do,' stated Mrs Mills, 'we'll treat ourselves to a nice meal out somewhere and give the rest to the family. We have our health and happiness so what more could we ask for?'

ROMAN COIN SURPRISE FOR MRS SHIP

Reported by Owen Butcher, Media Correspondent, Glastonbury

Nine Roman coins have been discovered in the Somerset garden of School Teacher Mrs Ship and are now to be put on public display.

It was last year when Sally Ship, a 46-year-old secondary school art teacher from Somerset, decided to have an extension built on her home. 'We'd outgrown our house but couldn't find another one as nice,' she explained. 'Instead of moving, we decided to extend.' The builders began work in March 2014 and a few days later, Sally made a truly incredible find. 'I remember watching the builders dig up my lawn. As I was giving out their cups of coffee, I noticed something in the hole they were digging; I had a feeling it was something special.'

'Sally asked me to stop working because I was about to disturb whatever she'd seen. I hadn't even spotted them,' commented builder Karl Webb. 'Finding treasure is a first for me!' Mrs Ship told reporters how Karl had helped her climb into the hole to have a closer look. 'I noticed another one and then another one,' she added. 'I was shaking. I knew this was something important so I immediately reported the find and told the builders they could go home until I'd found out what it was. I slept in the garden all night, guarding what I believed to be something very precious. My daughter thought I was crazy!'

'I have to be honest, I thought they were some old, worthless bits of metal. When Mum said she was camping outside to guard her find, I thought she was totally overreacting,' commented 18-year-old Jenny Ship. 'Mum and I love watching archaeology programmes. To think we had a little piece of

history in our garden, well, it's unbelievable really.' Sally and Jenny have recently discovered that the nine coins are Roman and a mixture of bronze and silver. 'Mum and I were excited to find out that the coins were really old. It gets you thinking about why they were there. Had they been dropped by accident? What had they bought?'

Mrs Ship explained that since her fantastic find, she has joined a local metal detectors group. 'It's great fun! After all, you never know what you're going to find.'

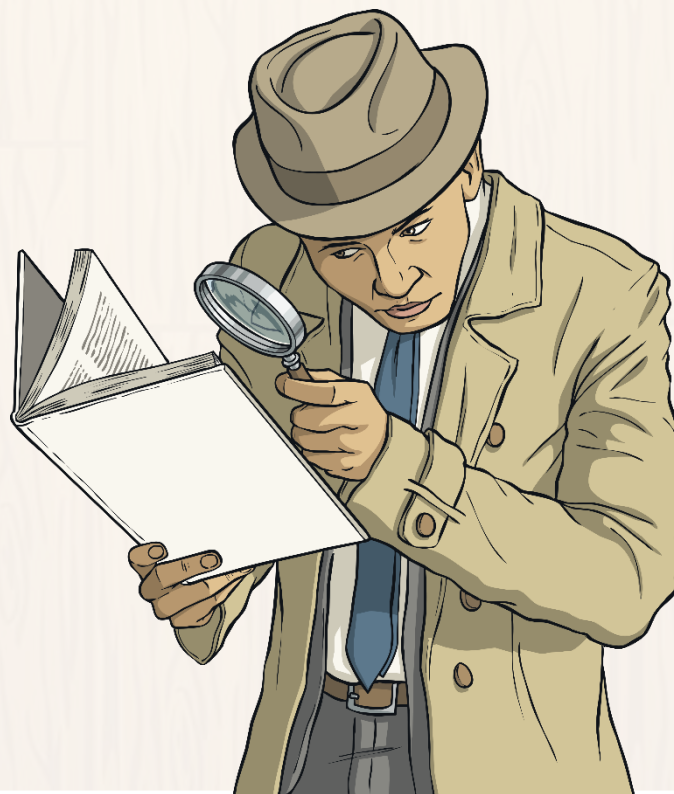
Further excavations took place at Mrs Ship's property but no other finds were made. It is yet to be decided where the coins will be put on public display.



The treasure was discovered in a garden in Somerset.

What features do you need to remember to include in your newspaper report?

Take a look at this example, how many features can you find?



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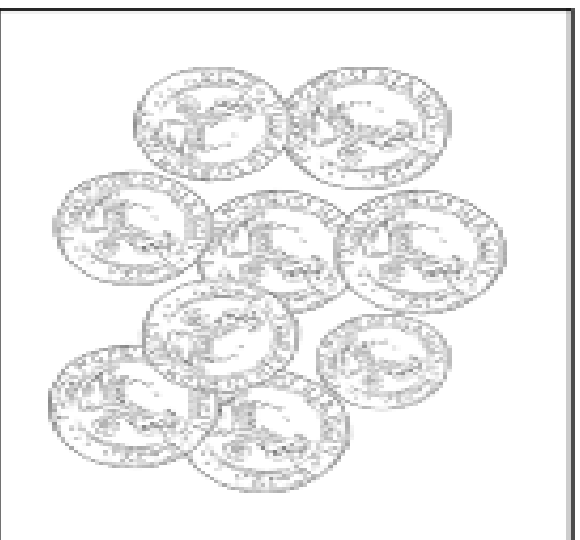
'Instead of moving, we decided to extend.' The builders began work in March 2014 and a few days later, Sally made the find of her life. 'I remember watching the builders dig up my lawn. As I was giving out their cups of coffee, I noticed something in the hole they were digging. I had a feeling it was something special.'

'Sally asked me to stop working because I was about to hit whatever she'd seen. I hadn't even spotted them,' commented builder Karl Webb. 'Finding treasure is a first for me!' Mrs Ship told reporters how Karl had helped her climb into the hole to have a closer look. 'I noticed another one and then another one,' she added. 'I was shaking. I knew this was something important so I reported the find and told the builders they could go home until I'd found out what it was. I slept in the garden all night, guarding what I believed to be something very precious. My daughter thought I was crazy!' Sally and 18-year-old Jenny have recently discovered that the nine coins are Roman and a mixture of bronze and silver. 'Mum and I were excited to find out that the coins were really old. It gets you thinking about why they were there. Had they been dropped by accident? What

had they bought?'

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Science

Teeth

Types Of Teeth



Match the types of teeth with their names.



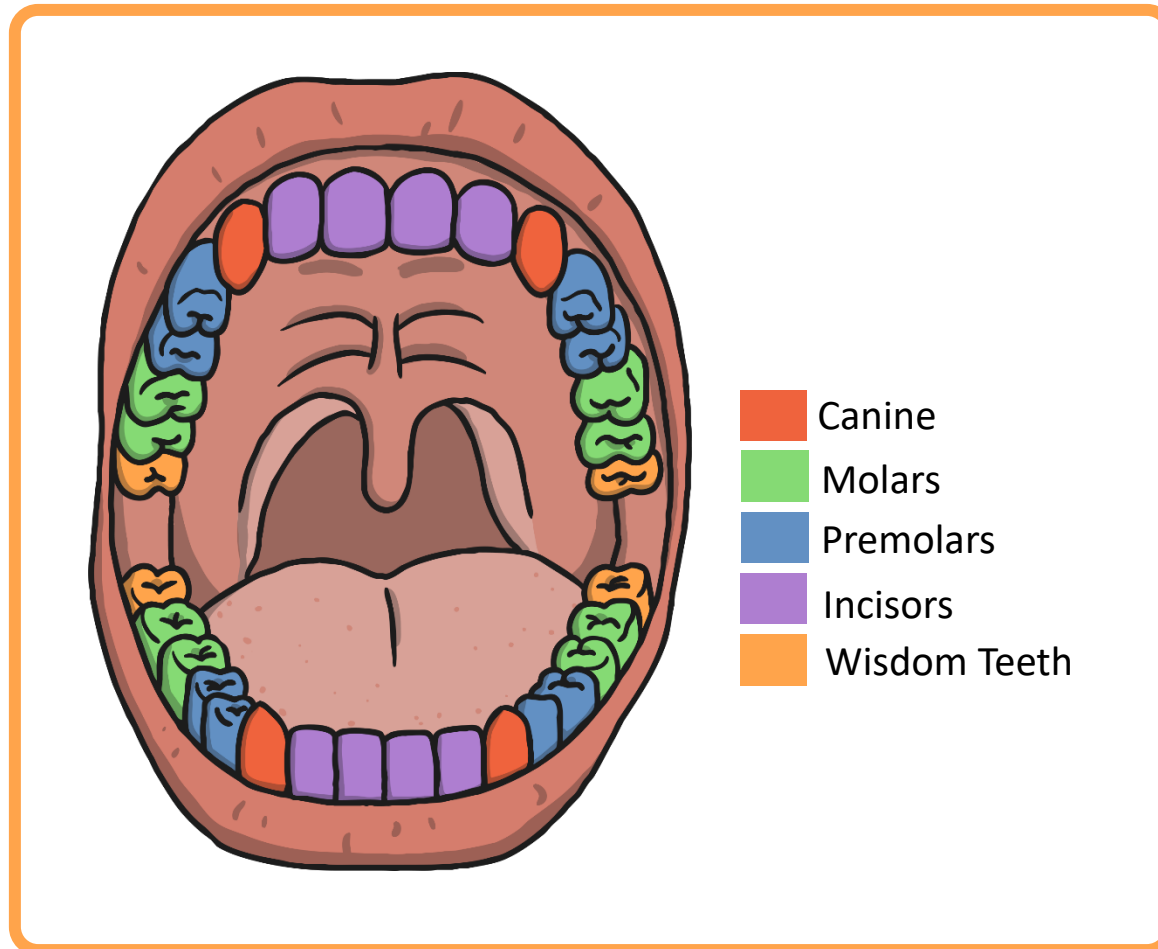
Molar

Canine

Incisor

Premolar

Functions of Teeth



- Canine
- Molars
- Premolars
- Incisors
- Wisdom Teeth

Why do we have different types of teeth?

What is their purpose?

Incisors

How many?

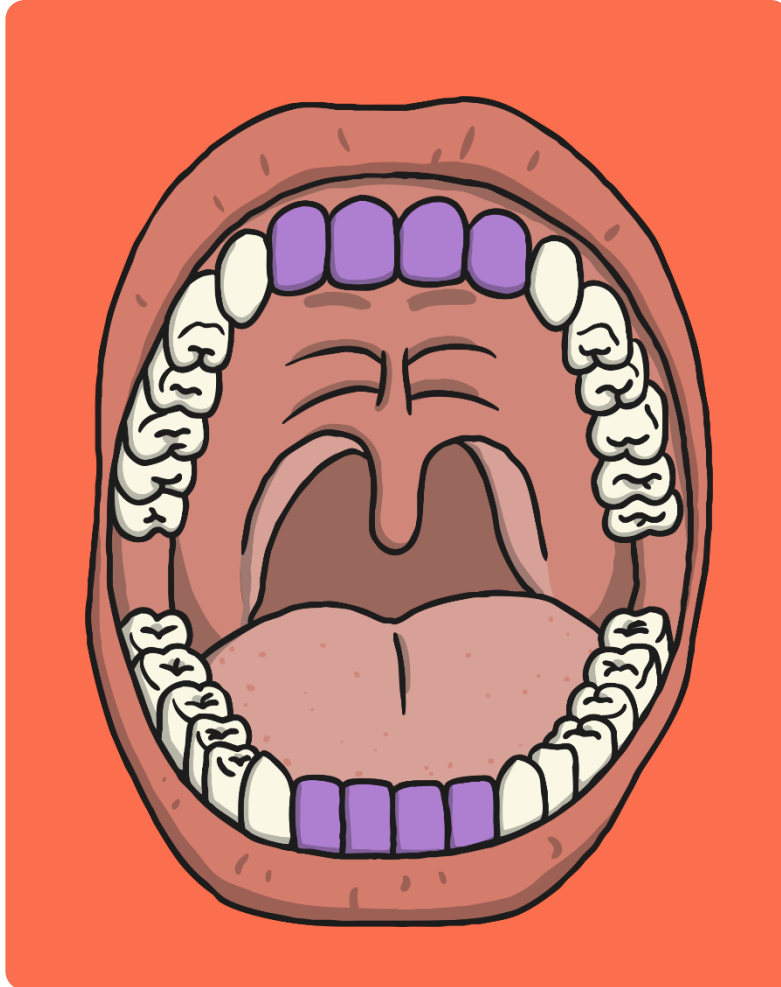
Humans have 8 incisors altogether; 4 in the upper jaw and 4 in the lower jaw.

Shape

Incisors are shovel-shaped.

Function:

Used for biting and cutting food.



Canines

How many?

Humans have 4 canine teeth, one in each quarter of the mouth, on either side of the incisors.

Shape

Canines are pointy.

Function:

Used for tearing and ripping food.



Premolars

How many?

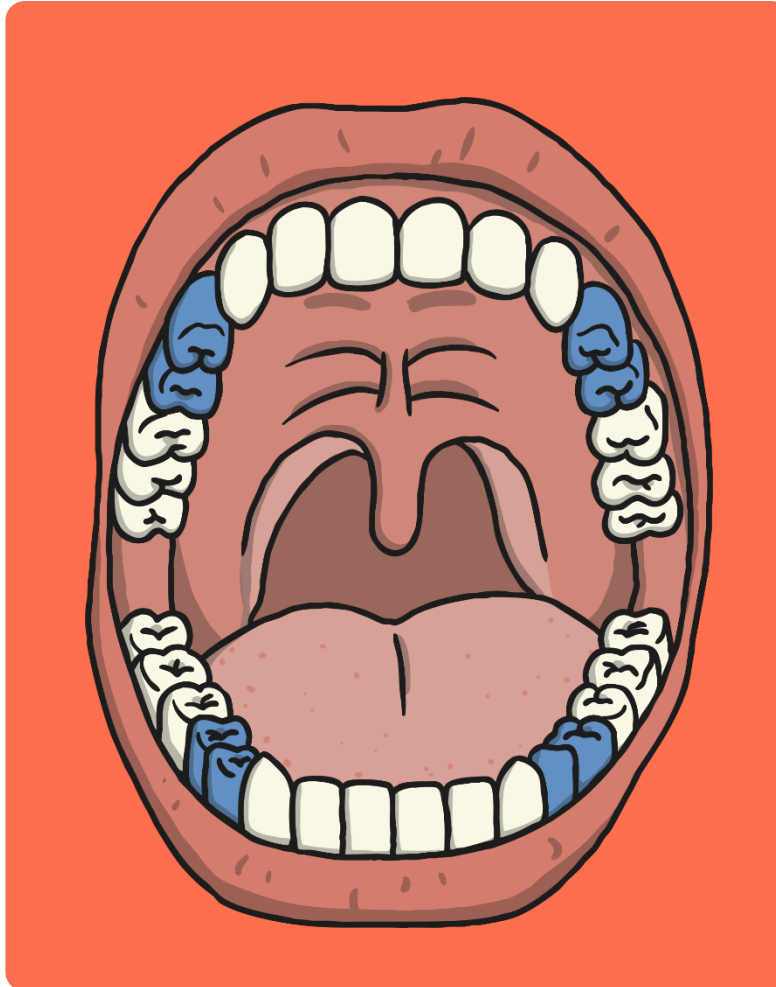
Humans have 8 premolars, two in each quarter of the mouth. They are between the canine tooth and the molars.

Shape

Small and flat

Function:

Holding and crushing food.



Molars

How many?

Humans have 8 molars, two in each quarter of the mouth. They are at the back of the mouth behind the premolars.

Shape

Large and flat

Function:

Grinding food



Wisdom Teeth

How many?

Humans can have up to 4 wisdom teeth, although not everyone has them. There is 1 in each quarter of the mouth behind the molars.

Shape

Large and flat (they are just a third molar)

Function:

Does not have one now! Some scientists think that human ancestors needed a third molar to help grind down plant tissue from thicker leaves when humans still ate them. Since the diet of humans has changed we don't need them.

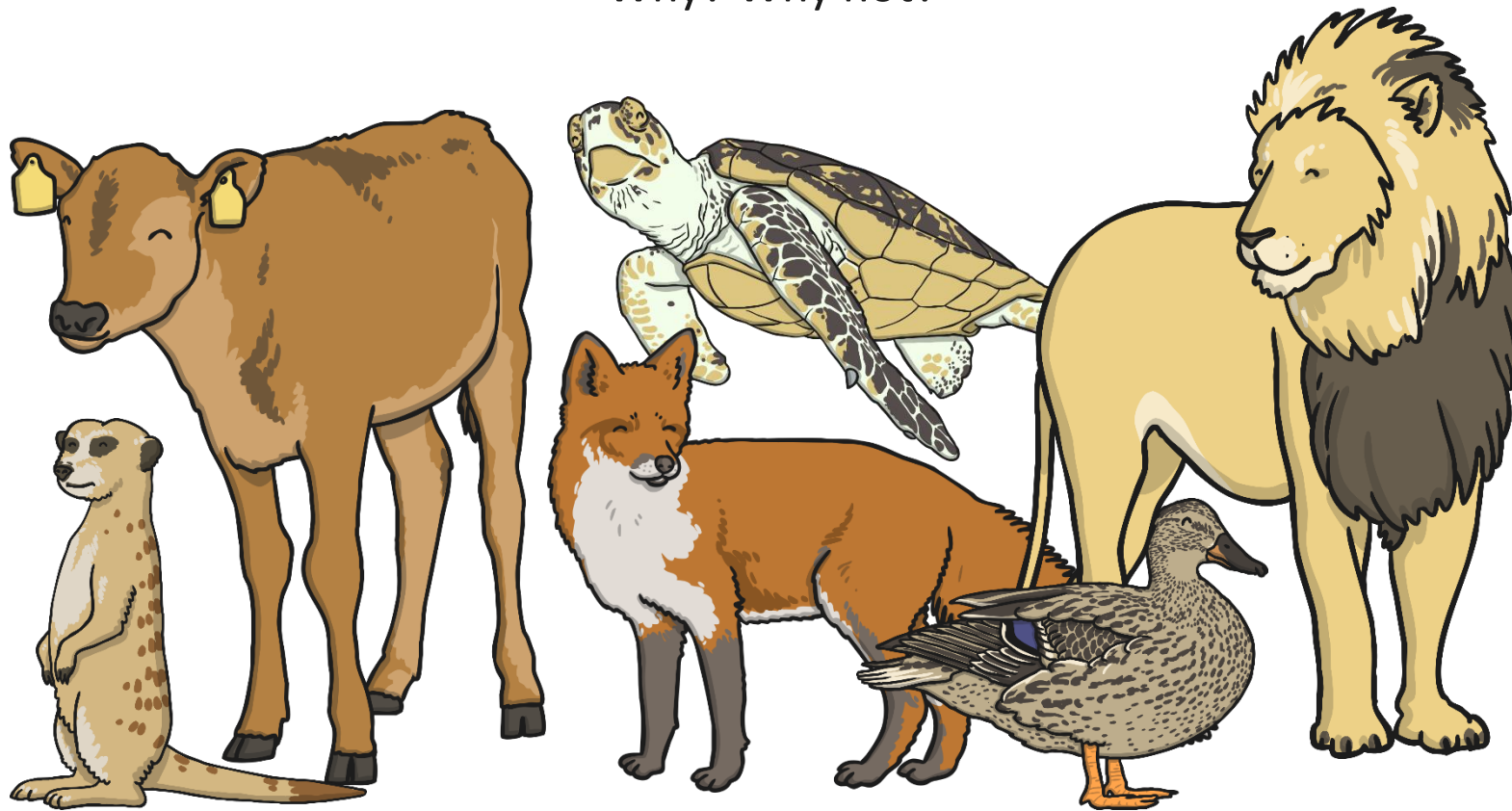
As the human diet changed our mouths have become smaller. This is the reason why many people have their wisdom teeth extracted – taken out – as there is no real room for a wisdom tooth so it tends to grow inward and can become a problem.

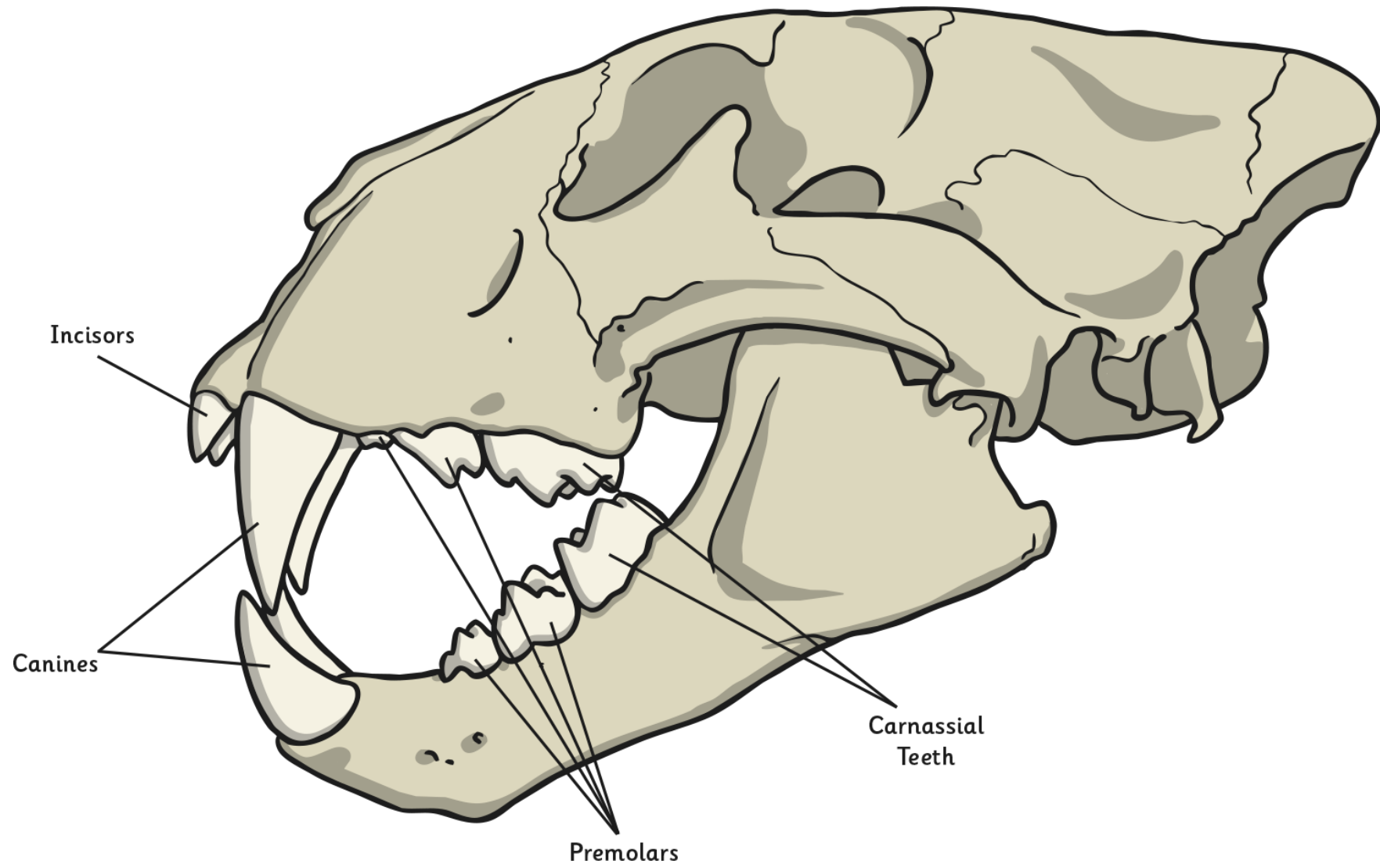


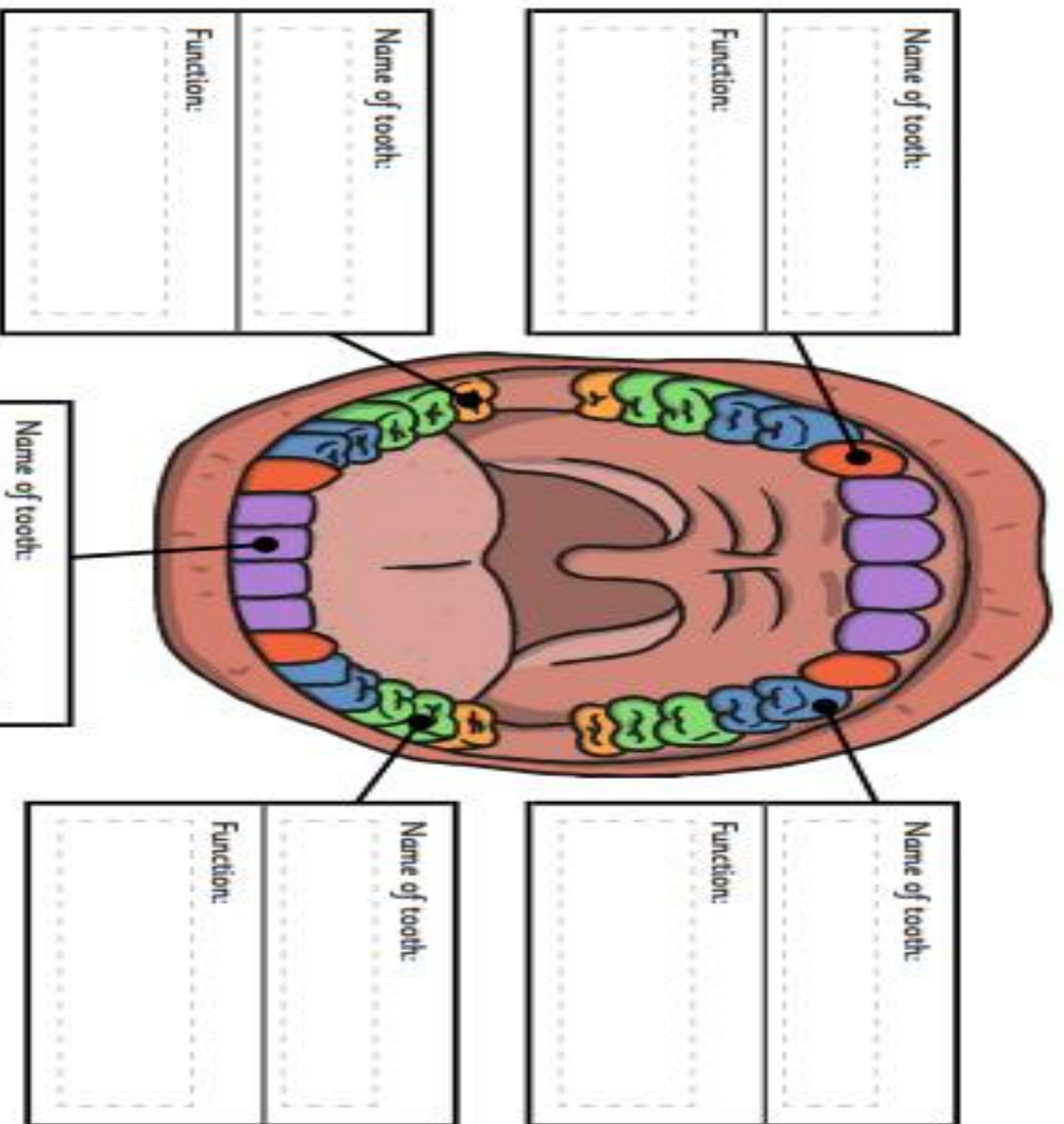
Animal Teeth

Do other animals have the same type of teeth as humans?

Why? Why not?







Name of tooth:
Function:

Name of tooth:
Function:

Name of tooth:
Function:

Name of tooth:
Function:

Name of tooth:
Function:

Key:

The boxes below explain the names and function of the types of teeth.

Cut out the boxes and stick them next to the correct arrow.

Incisor	Molar	Biting and cutting food	Grinding food
Wisdom Tooth	Canine	Tearing and ripping food	No function anymore
Premolar	Holding and crushing food		