Year 5

Home-learning

Monday

1st June 2020

Start

Ysgol Gelliswick School

Gelliswick Church in Wales
VC Primary School

Welcome to today's home learning for Year 5
Croeso i ddysgu adref heddiw am Blwyddyn 5

Check-in

Home learning

Staying safe

Class Dojo

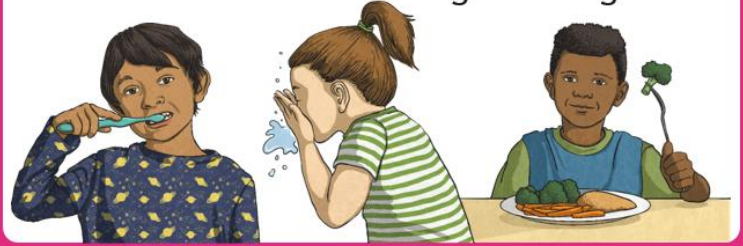MISTAKES are proof that you are TRYING

Staying safe

stay safe

Article 24:
You have the right to the best possible health. You should have good quality health care, clean water, nutritious food and a clean environment to stay healthy.

Article 19:
You should be kept safe from all forms of violence, abuse, neglect and bad treatment by parents or anyone else who looks after you.

Online safety:

SMART

Stay Safe	Don't Meet Up	Accepting Files	Reliable?	Tell Someone
Don't give out your personal information to people / places you don't know.	Meeting someone you have only been in touch with online can be dangerous. Always check with an adult you trust.	Accepting emails, files, pictures or texts from people you don't know can cause problems.	Check information before you believe it. Is the person or website telling the truth?	Tell an adult if someone or something makes you feel worried or uncomfortable. Follow these SMART tips to keep yourself safe online.

If you are worried about something, speak to a **grown-up** at home, if you can.

If you cannot speak to someone at home, you can call **ChildLine** for free.

If you can't speak to a grown-up at home, click on the worry box.

ChildLine
0800 1111

Worry Box

Home

Year 5 - Monday 1st June 2020 – Keeping you safe

Your learning for today

Click on the links below to find your learning for today.

⭐ Learning should not take more than 2 hours per day

⭐ Please upload your learning to your Class Dojo portfolio to get feedback from your teacher.

BOOST

Reading

Literacy

Maths

Topic

Hwb

Reading

Choose your level of challenge!

Bronze

Silver

Gold

Reading

Premium Property For Sale!

Fresh on the market today we have a stunning, vintage property, built around 1,500 years ago on the edge of a dense, extensive forest. With stiff, wooden walls and a roof thatched with the finest straw, this house oozes with natural charm and faces south to make the most of the daylight hours.

Made of only one room, you can eat, cook, sleep and entertain all from the same space – you are never too far away from the fireplace. Boasting the latest features, such as eye-holes to watch through for enemies and a luxury carpet made from local plants, this property will be snapped up quickly by any eager Anglo-Saxon. It is yours to live in today for only 240 silver pennies.

Quick Questions

1. What do you think 'eye-holes' are?

2. How many rooms does this property have?

3. What is the purpose of this text?

4. Find three phrases which show how the author has made normally boring features sound more appealing.

Home

Home learning

Reading

Answer

Home

Home learning

Reading

Silver

Gold

Answer

Life Cycle of a Yellow-Eyed Penguin

Two greenish-white eggs are laid and are incubated by both parents for about 43 days. When the eggs hatch, the parents guard the chicks, day and night, for forty to fifty days. One parent will stay with the chicks while the other collects food.

After the chick moults and loses their soft, brown down, they develop waterproof plumage and are ready to fledge (leave the nest). The juvenile penguins head out to sea cautiously to collect their own food: not all return. When they are adults and ready to breed, most penguins return to the safe place where they were born – their built-in satellite navigation systems get them there!

Quick Questions

1. Which word means the same as young?

2. How long do the parent penguins guard the chicks?

3. Why do you think the penguins return to the place they were born when they are ready to breed?

4. Why does the author use the word 'cautiously' to describe how the juveniles head out to sea?

Reading

Literacy

Choose your level of challenge!

Bronze   Silver   Gold

Tips, tricks and additional resources!

Literacy

Home

Home learning

Literacy

Bronze

Popping Punctuation:
Missing Punctuation

Add the correct punctuation to these sentences. Use the balloons below to help you.

1. What could possibly go wrong

2. It was dark outside   the sun had set hours ago.

3. The weather   overcast   did not spoil the day.

4.   Stop right there!   the security guard called.

5. He could only think about one thing   his exams.

Answer

Year 5 - Monday 1st June 2020 – Literacy Bronze

Silver

Popping Punctuation:
Missing Punctuation

Add the correct punctuation to these sentences. Use the balloons below to help you.

1. What could possibly go wrong 🎈

2. It was dark outside 🎈 the sun had set hours ago.

3. The weather 🎈 overcast 🎈 did not spoil the day.

4. 🎈Stop right there! 🎈 the security guard called.

5. He could only think about one thing 🎈his exams.

6. Jake trudged home 🎈 he was disappointed that football had been cancelled.

7. Ben's new haircut was very short 🎈 it was different from his usual style.

8. Hassan 🎈who was getting increasingly frustrated 🎈 waited for the next bus.

Answer

Popping Punctuation:
Missing Punctuation

Insert all of the missing punctuation into these sentences. Use the balloons below to help you.

1. what could possibly go wrong

2. it was dark outside the sun had set hours ago

3. the weather overcast did not spoil the day

4. stop right there! the security guard called

5. he could only think about one thing his exams

6. jake trudged home he was disappointed that football had been cancelled

7. ben's new haircut was very short it was different from his usual style

8. hassan who was getting increasingly frustrated waited for the next bus

Write your own sentences which include each of the following pieces of punctuation:

:
colon
These are my favourite colours: purple, turquoise and pink.

( )
Brackets
He ended up using the bigger ruler (the 50cm ruler).

-
hyphen
My eighty-three year-old gran loves ice cream.

Gold

Answer
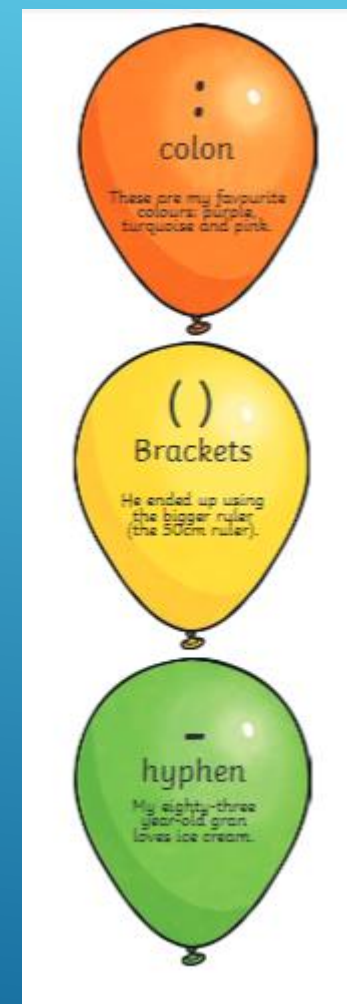
Literacy tips, tricks & resources

Finger Space — please leave a space

Full Stop — I go to school every day

ABC Capital Letters — Mrs Romilda was born on Christmas day in Nairobi, Kenya

? Question Mark — What is your favourite part of the day?

! Exclamation Mark — Today was amazing!

Commas — I put on my coat, hat and scarf.

Apostrophe — We're going to the park today.

Inverted Commas — "Good morning!" my friend shouted to me

( ) Brackets — He ended up using the bigger ruler (the 50cm ruler).

Dash — The film was very informative – I learned a great deal

Ellipsis — He thought and thought... and then thought some more.

hyphen — My eighty-three-year-old gran loves ice cream.

colon — These are my favourite colours: purple, turquoise and pink.

semicolon — I don't like broccoli; nevertheless, it is very good for you.

Maths

Choose your level of challenge!

Bronze

Silver

Gold

Tips, tricks and additional resources!

Home
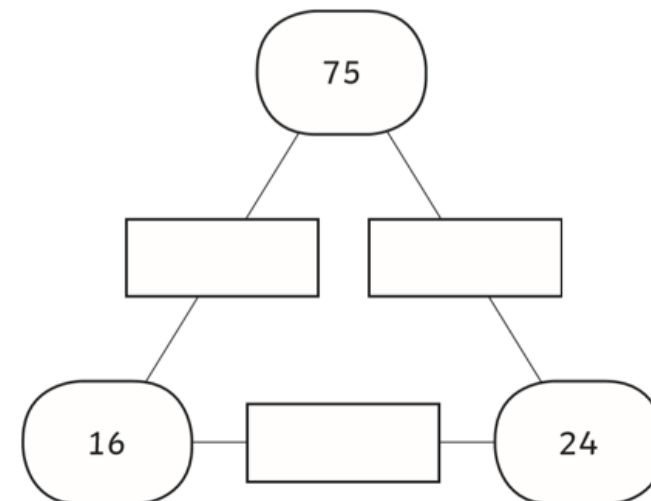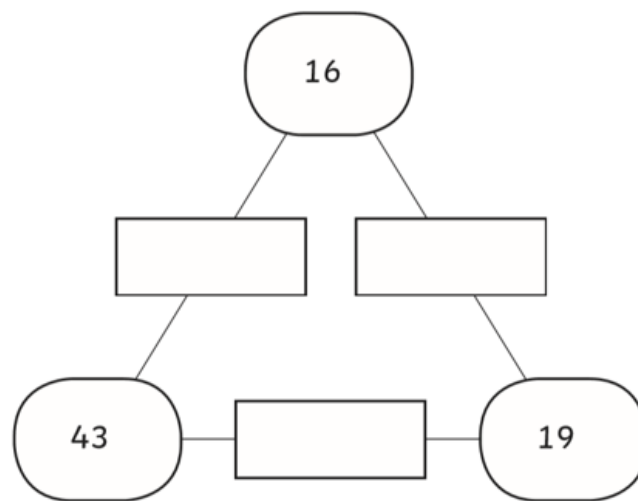
Home Learning

Maths

Maths

Bronze Maths

Warm up (optional)

Main activity

Warm Up – Addition to 100 'Arithmagons'

Add the numbers from each corner to find the number in the box between them.

57 [ ] [ ]
38 [ ] 45

16 [ ] [ ]
43 [ ] 19

75 [ ] [ ]
16 [ ] 24

Answer

Comparing Fractions

Can you compare the fractions below by putting an inequality sign (or an equals sign) between them?
Remember, when using < and >, we use the sentence *'the crocodile eats the bigger number/fraction'* to remind us which one to use.

Use the fraction wall to help you. <u>Click here for the fraction wall.</u>

Two examples are shown below.

$\frac{1}{3}$ ☐ $\frac{1}{5}$ $\frac{1}{3}$ $>$ $\frac{1}{5}$

$\frac{2}{4}$ ☐ $\frac{4}{6}$ $\frac{2}{4}$ $<$ $\frac{4}{6}$

Questions

1. $\frac{1}{5}$ ☐ $\frac{1}{8}$

2. $\frac{1}{12}$ ☐ $\frac{1}{3}$

3. $\frac{1}{2}$ ☐ $\frac{1}{24}$

4. $\frac{1}{24}$ ☐ $\frac{1}{3}$

5. $\frac{1}{2}$ ☐ $\frac{1}{4}$

6. $\frac{1}{4}$ ☐ $\frac{1}{5}$

7. $\frac{1}{12}$ ☐ $\frac{1}{24}$

8. $\frac{1}{2}$ ☐ $\frac{1}{3}$

Silver Maths

Warm up
(optional)

Main
activity
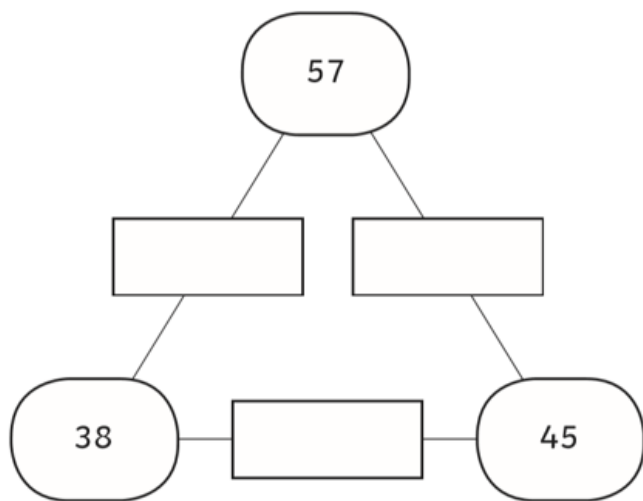
Home

Home learning

Maths

Silver

Home

Home learning

Maths

Silver

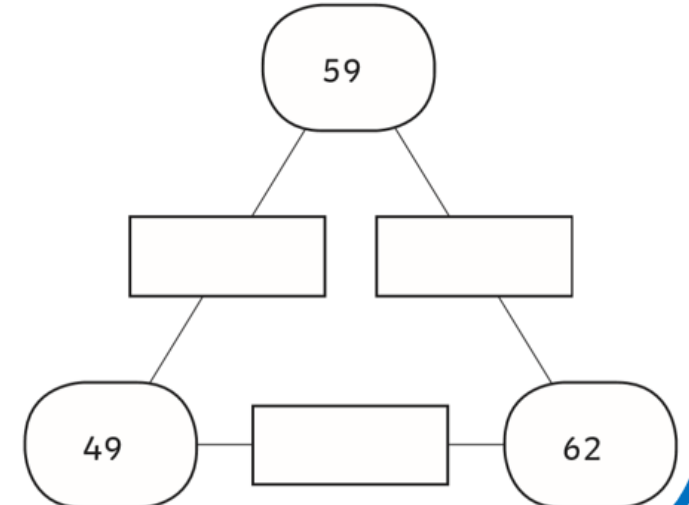Answer

Warm Up – Addition to 200 'Arithmagons'

Add the numbers from each corner to find the number in the box between them.

100

91

59

75   21

52   105

49   62

Comparing Fractions

Can you compare the fractions below by putting an inequality sign (or an equals sign) between them?
Remember, when using < and >, we use the sentence *'the crocodile eats the bigger number/fraction'* to remind us which one to use.

Use the fraction wall to help you. <u>Click here for the fraction wall.</u>

Two examples are shown below.

$\frac{1}{3}$ ☐ $\frac{1}{5}$ $\frac{1}{3}$ **>** $\frac{1}{5}$ $\frac{2}{4}$ ☐ $\frac{4}{6}$ $\frac{2}{4}$ **<** $\frac{4}{6}$

Questions

1. $\frac{1}{5}$ ☐ $\frac{1}{8}$

2. $\frac{1}{12}$ ☐ $\frac{1}{3}$

3. $\frac{1}{2}$ ☐ $\frac{1}{24}$

4. $\frac{1}{24}$ ☐ $\frac{1}{3}$

5. $\frac{1}{2}$ ☐ $\frac{3}{4}$

6. $\frac{3}{4}$ ☐ $\frac{3}{5}$

7. $\frac{7}{12}$ ☐ $\frac{8}{24}$

8. $\frac{1}{2}$ ☐ $\frac{2}{3}$

Gold Maths

Home

Home learning

Maths

Gold

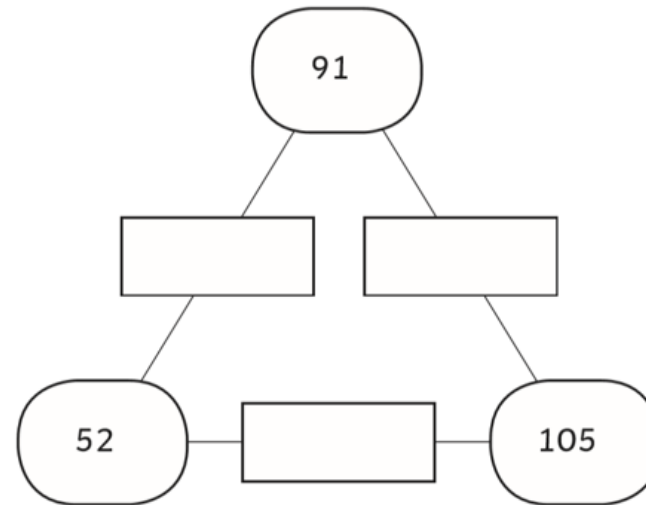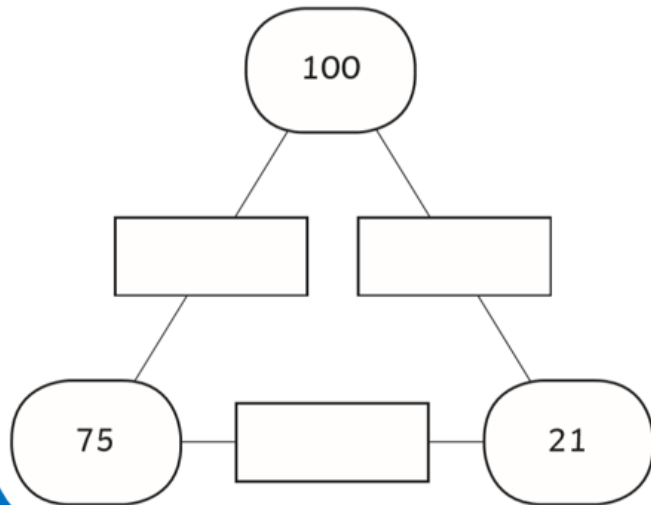### Warm up
(optional)

Main
activity

Home

Home Learning

Maths
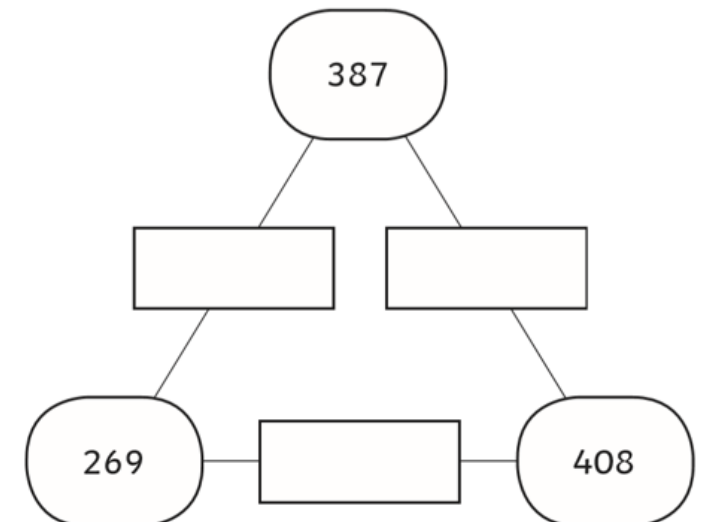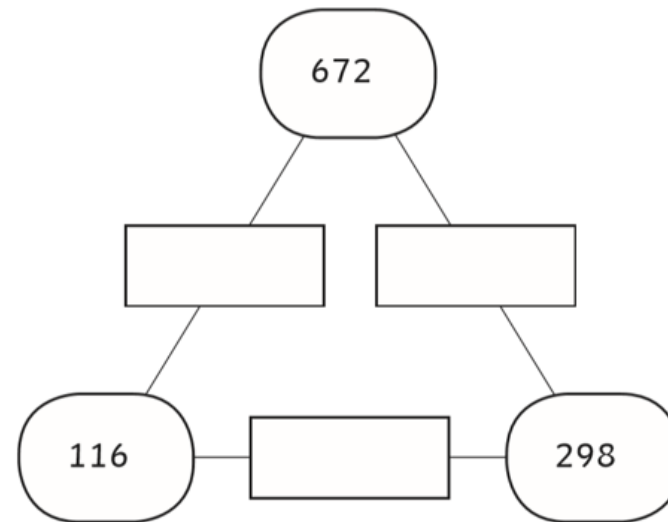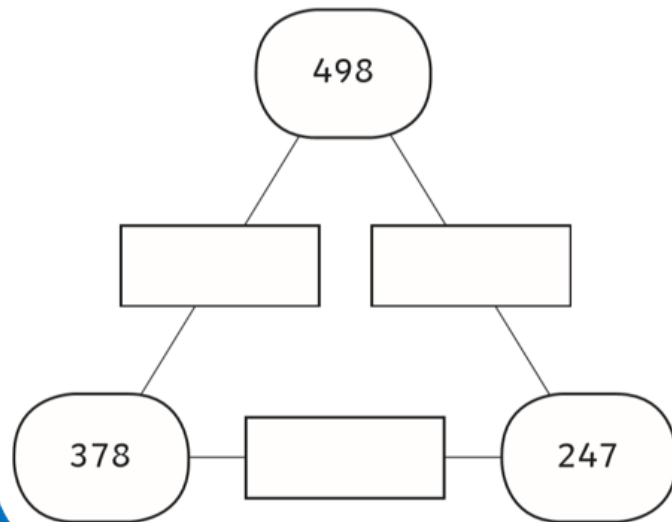
Gold

Warm Up – Addition to 1000 'Arithmagons'

Add the numbers from each corner to find the number in the box between them.

498

[ ] [ ]

378 [ ] 247

672

[ ] [ ]

116 [ ] 298

387

[ ] [ ]

269 [ ] 408

Answer

Comparing Fractions

Can you compare the fractions below by putting an inequality sign (or an equals sign) between them?
Remember, when using < and >, we use the sentence *'the crocodile eats the bigger number/fraction'* to remind us which one to use.

Use the fraction wall to help you. Click here for the fraction wall.

Two examples are shown below.

$$\frac{1}{3} \;\square\; \frac{1}{5} \qquad \frac{1}{3} \;>\; \frac{1}{5}$$

$$\frac{2}{4} \;\square\; \frac{4}{6} \qquad \frac{2}{4} \;<\; \frac{4}{6}$$

Questions

1. $\frac{1}{2} \;\square\; \frac{3}{4}$

2. $\frac{3}{4} \;\square\; \frac{3}{5}$

3. $\frac{7}{12} \;\square\; \frac{8}{24}$

4. $\frac{1}{2} \;\square\; \frac{2}{3}$

5. $\frac{3}{6} \;\square\; \frac{4}{8}$

6. $\frac{7}{12} \;\square\; \frac{2}{4}$

7. $\frac{3}{5} \;\square\; \frac{18}{24}$

8. $\frac{11}{12} \;\square\; \frac{7}{8}$

Home

Home learning

Maths

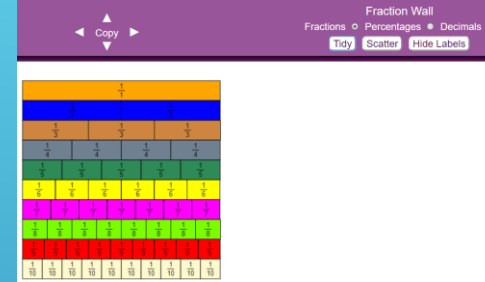A 'hands on' fractions activity *(video)*

An interactive fractions wall

How to use a fraction wall *(video)*

Equivalent fractions wall *(video)*

Enter the missing numerator to show equivalent fractions.

$$\frac{1}{4} = \frac{\square}{8}$$

Hint: Highlighting the bricks in the fraction wall can help.

Equivalent Fractions Wall

Year 5 - Monday 1st June 2020 – Maths tips, tricks and additional resources

Home

Home learning

Topic

These are **optional** activities; you may choose to do one over the week or one each day.

Language, literacy and communications		Mathematics and numeracy		Science and technology	
Watch a documentary about a place in the world. Write a review. What was it about? What did you like? What did you not like? What was your favourite part?	Watch a documentary about a place in the world. Write a review. Summarise what the film was about. Give your opinion on it. Provide reasons for or against watching it.	Create a Time Zone Time Machine. Make buttons that will take you to 4 different countries around the world. But you will need to know how many hours forward or back you will need to travel to get there. Time to research time zones (you don't want to land in Madagascar in the middle of the night)!	Create a Time Zone Time Machine. Make buttons that will take you to 6 different countries around the world. But you will need to know how many hours forward or back you will need to travel to get there. Time to research time zones (you don't want to land in Madagascar in the middle of the night)!	How to Grow a Rainbow Home Science Investigation Click here for more information	Rainbow Paper Home Science Investigation Click here for more information
Year 3 & 4	**Year 5 & 6**	**Years 3 & 4**	**Years 5 & 6**	**Option 1**	**Option 2**
Expressive Arts		Humanities		Health and well being	
Choose a country from around the world and find out what its traditional art is. For example, Australia has Aboriginal dot painting. Then have a go yourself.	Choose a country from around the world and find out what its traditional art is. For example, Australia has Aboriginal dot painting. Then have a go yourself.	Many of the everyday food items we think of as British originally came from other countries, tea from China, potatoes from South America. Locate them on a map and then choose one and make a simple dish (cup of tea, mashed potatoes etc.)	Many of the everyday food items we think of as British originally came from other countries, tea from China, potatoes from South America. Choose one and make a simple dish (cup of tea, mashed potatoes etc.) Research the British Empire and how these foods were brought to Britain.	Create a playlist for a journey. Include songs that make you feel different emotions; happy, sad, excited etc.	Create a playlist for a journey. Include songs that make you feel different emotions; happy, sad, excited etc. Explain what it is about the song makes you feel that emotion.
Years 3 & 4	**Years 5 & 6**	**Years 3 & 4**	**Years 5 & 6**	**Years 3 & 4**	**Years 5 & 6**

How to Grow a Rainbow

You will need:

- Kitchen roll/paper towel
- Felt tip pens
- Two small bowls of water
- Paper clip
- Thread

1. Cut your kitchen roll into the shape of a rainbow.
2. Colour a rainbow with felt tips about 2 cm up on both sides.
3. Attach your paper clip to the top and tie a piece of thread to it. This will give you something to hold your rainbow with.
4. Fill each small container with water.
5. Hold your rainbow with the ends slightly submerged in the water then watch your rainbow grow!

THE SCIENCE

A brief introduction to 'capillary action'! Water molecules like to stick to things - including themselves. Sticking to things is called *adhesion* and sticking to itself is called *cohesion*. The fibres in kitchen roll make lots of little holes. Water is 'sucked' through the holes because of adhesion (liking to stick to other things) and cohesion (liking to stick to itself) means the rest of the water follows. The water pressure will eventually slow down and the pressure of gravity will mean it stops moving.
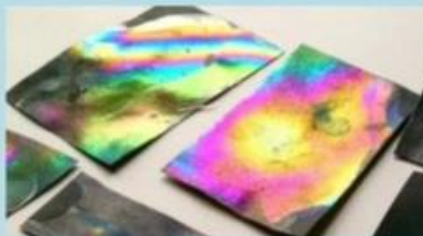
@MrsBpriSTEM

Rainbow Paper

You will need:

- Black paper/card (or try other colours!)
- Clear nail polish
- Bowl
- Water

1. Cut your black paper or card into a small rectangle. Start small until you get the hang of it then you can experiment with bigger pieces!
2. Fill a bowl with water.
3. Drop 1 drop of clear nail polish on top of the water.
4. Quickly dip a piece of black paper into the water and pull it out again.
5. Leave it a few minutes to dry.

You can also try placing the paper under the water first and then dripping one drop of clear nail polish on top of it. Once the nail polish disperses across the surface, it's safe to pull the paper out of the water, coating it with a thin film of polish.

THE SCIENCE

When you dip the paper into the water, it gets coated with a thin layer (or film) of nail polish. The rainbow colours you see are caused by *thin-film interference*. Normal 'white' light is actually made up of lots of different colours. When light hits the film of nail polish, the individual colours disperse and the reflected waves interfere with each other to create the beautiful colours.

This is the same as when you can see a rainbow in spilt oil on tarmac!

@MrsBpriSTEM

Using Hwb

All pupils have their own Hwb account. We would children to become more familiar with some of the features that the Hwb platform has to offer. We suggest pupils have a play around on Just2easy as there are some fantastic tools on there. Watch the videos below to familiarise yourself with its features.

This is Just2easy
Take a peek inside

This video talks you through the features of Just2easy

"This is a quick tour of Hwb and in particular Just2Easy. We will quickly look at J2 Blast, Jit5, J2data and J2code. Hopefully it will be useful."

Most children are familiar with using Office365 on Hwb. We encourage children to keep using this too.

Check out the Hwb section on our school website for further details on how to use Just2easy, Office 365 and even Minecraft Education Edition!

Spellings – Week 6

Learning Objective: to spell words ending in –sure.

Group A

- unsure
- closure
- enclosure
- measure
- pleasure
- treasure
- pressure
- leisure

Learning Objective: to spell words ending in –tious.

Group B

- nutritious
- cautious
- infectious
- ambitious
- scrumptious

Look, cover, write, check

1. Look at the word.
2. Cover it.
3. Write the word down.
4. Check whether you spelt it correctly.

Repeat this 3 times for each word.

Writing the words in sentences

Once you have completed the *look, cover, write, check* activity, try and write a list of sentences, including each word in a sentence.

If you are not sure what a word means, check the definition on a online children's dictionary.

Above you will see 2 spelling lists. Hopefully you will find the time to work on both Group A and Group B over the course of this week, but please remember you only need to be practising one list at a time.

Here are two activities that we suggest you use to practise your spellings.

Home

Home learning

BOOST

Recommended websites to support learning

Language, literacy and communications	Mathematics and numeracy	Science and technology
Get Epic: https://www.getepic.com/ Duolingo: https://www.duolingo.com/ Pobble 365: http://www.pobble365.com/ Read theory online: https://readtheory.org/ Top Marks: https://www.topmarks.co.uk/ The Literacy Shed: https://www.literacyshed.com/home.html Twinkl: https://www.twinkl.co.uk/ HWB: J2Blast (log into HWB and into J2Easy)	Sumdog: https://pages.sumdog.com/ TT Rockstars: https://ttrockstars.com Top Marks: https://www.topmarks.co.uk/ Hit the Button: https://www.topmarks.co.uk/maths-games/hit-the-button Twinkl: https://www.twinkl.co.uk/ HWB: J2Blast (log into HWB and into J2Easy) Maths Frame: mathsframe.co.uk	Top Marks: https://www.topmarks.co.uk/ Twinkl: https://www.twinkl.co.uk/ Hour of Code: https://hourofcode.com/uk/learn Scratch: https://scratch.mit.edu/ Science Max: www.youtube.com Nat Geo Kids Science: natgeokids.com/uk/category/discover/science
Expressive arts	**Humanities**	**Health and well being**
Top Marks: https://www.topmarks.co.uk/ Twinkl: https://www.twinkl.co.uk/ 30 Day Singer: https://www.30daysinger.com/Singing/Lessons BBC: https://www.bbc.co.uk/bitesize/topics/zcbkcj6/articles/z2mqw6f Artsology: https://artsology.com/games.php Sculpt the World: https://sculpttheworld.smugmug.com/	Top Marks: https://www.topmarks.co.uk/ Twinkl: https://www.twinkl.co.uk/ National geographic kids: https://www.natgeokids.com/uk/ BBC Bitesize: https://www.bbc.co.uk/bitesize/subjects/zcw76sg BBC Bitesize: https://www.bbc.co.uk/bitesize/subjects/zbkw2hv History for Kids: historyforkids.net Kids World Travel Guide: Kids-world-travel-guide.com	Top Marks: https://www.topmarks.co.uk/ Twinkl: https://www.twinkl.co.uk/ Cosmic kids: https://www.cosmickids.com/ The Body Coach Tv Kids workout playlist: www.youtube.com

Home

Home learning

BOOST

Key skills practice

Premium Property For Sale!   Answers

1. What do you think 'eye-holes' are?

   Accept: windows.

2. How many rooms does this property have?

   Accept: one.

3. What is the purpose of this text?

   Accept answers relating to persuading people to buy the property, describing the property or informing people about the property's sale.

4. Find three phrases which show how the author has made normally boring features sound more appealing.

   Accept any reasonable extract from the text, including the following: dense, extensive forest / stiff, wooden walls / thatched with the finest straw / all from the same space / never too far away / eye-holes to watch through for enemies / luxury carpet made from local plants.

Life Cycle of a Yellow-Eyed Penguin Answers

1. Which word means the same as young?
   Accept: juvenile.

2. How long do the parent penguins guard the chicks?
   Accept: day and night for forty to fifty days.

3. Why do you think the penguins return to the place they were born when they are ready to breed?
   **Accept any reasonable explanation describing the need to return to a safe place where they will find the same species.**

4. Why does the author use the word 'cautiously' to describe how the juveniles head out to sea?
   Accept any explanation linking the need to be careful with the fact that 'not all return' meaning the sea must be dangerous. Also accept that they are young so may not have much experience at sea.

Home

Home Learning

Reading

Home

Home learning
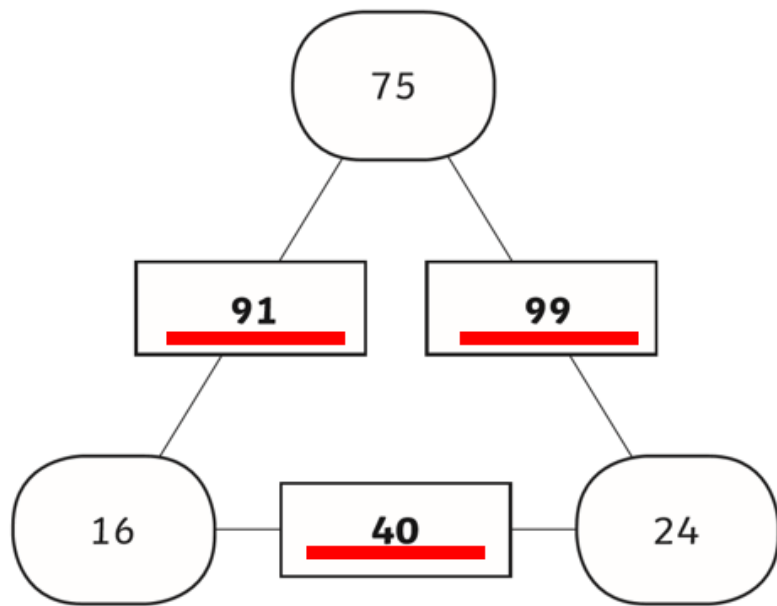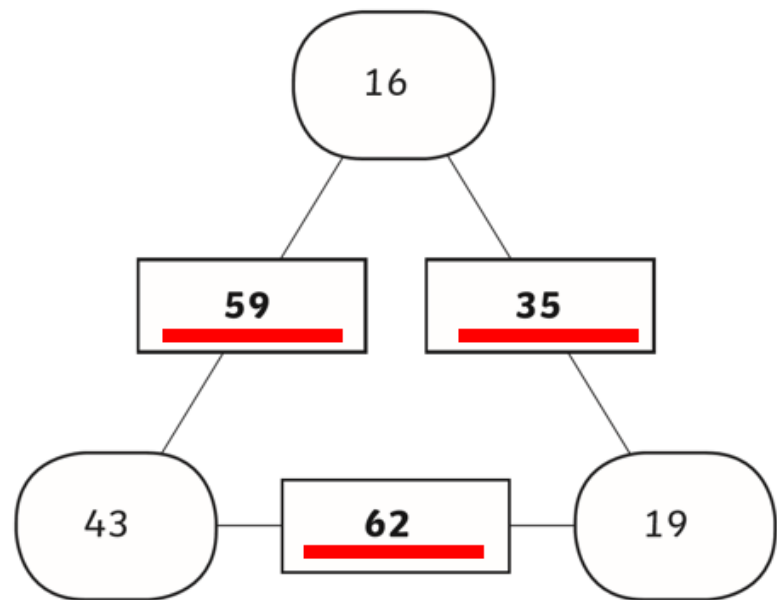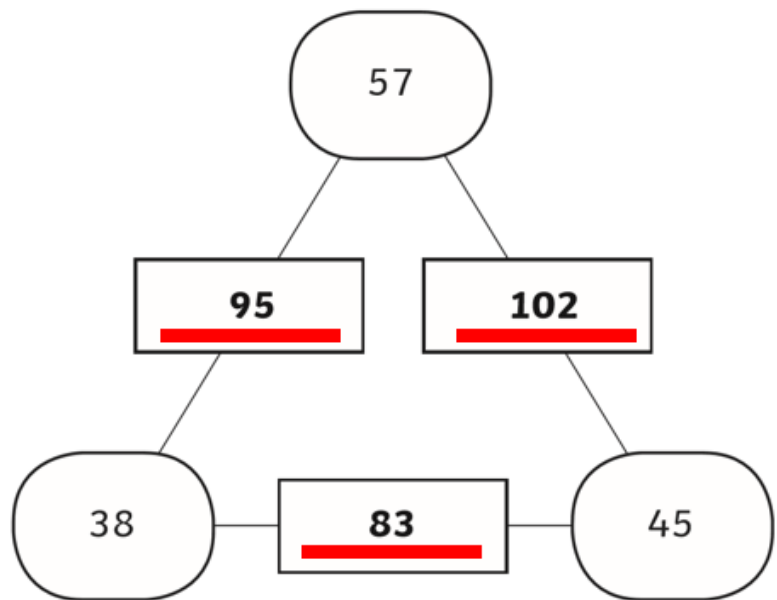
Maths

Bronze

1. $\frac{1}{5}$ > $\frac{1}{8}$

2. $\frac{1}{12}$ < $\frac{1}{3}$

3. $\frac{1}{2}$ > $\frac{1}{24}$

4. $\frac{1}{24}$ < $\frac{1}{3}$

5. $\frac{1}{2}$ > $\frac{1}{4}$

6. $\frac{1}{4}$ > $\frac{1}{5}$

7. $\frac{1}{12}$ > $\frac{1}{24}$

8. $\frac{1}{2}$ > $\frac{1}{3}$

Home

Home learning

Maths

Silver

Questions

1 $\dfrac{1}{5} \boxed{>} \dfrac{1}{8}$

2 $\dfrac{1}{12} \boxed{<} \dfrac{1}{3}$

3 $\dfrac{1}{2} \boxed{>} \dfrac{1}{24}$

4 $\dfrac{1}{24} \boxed{<} \dfrac{1}{3}$

5 $\dfrac{1}{2} \boxed{<} \dfrac{3}{4}$
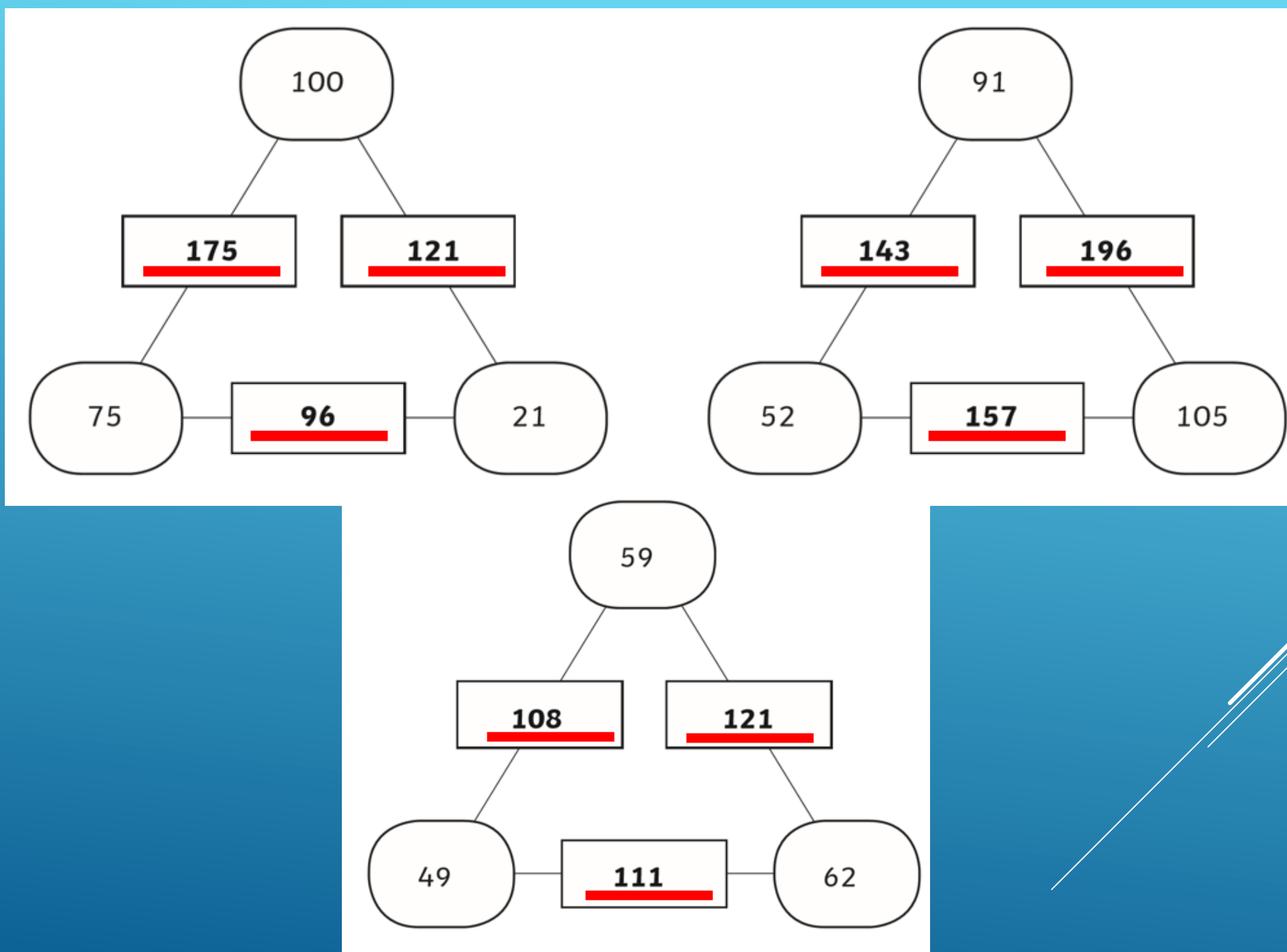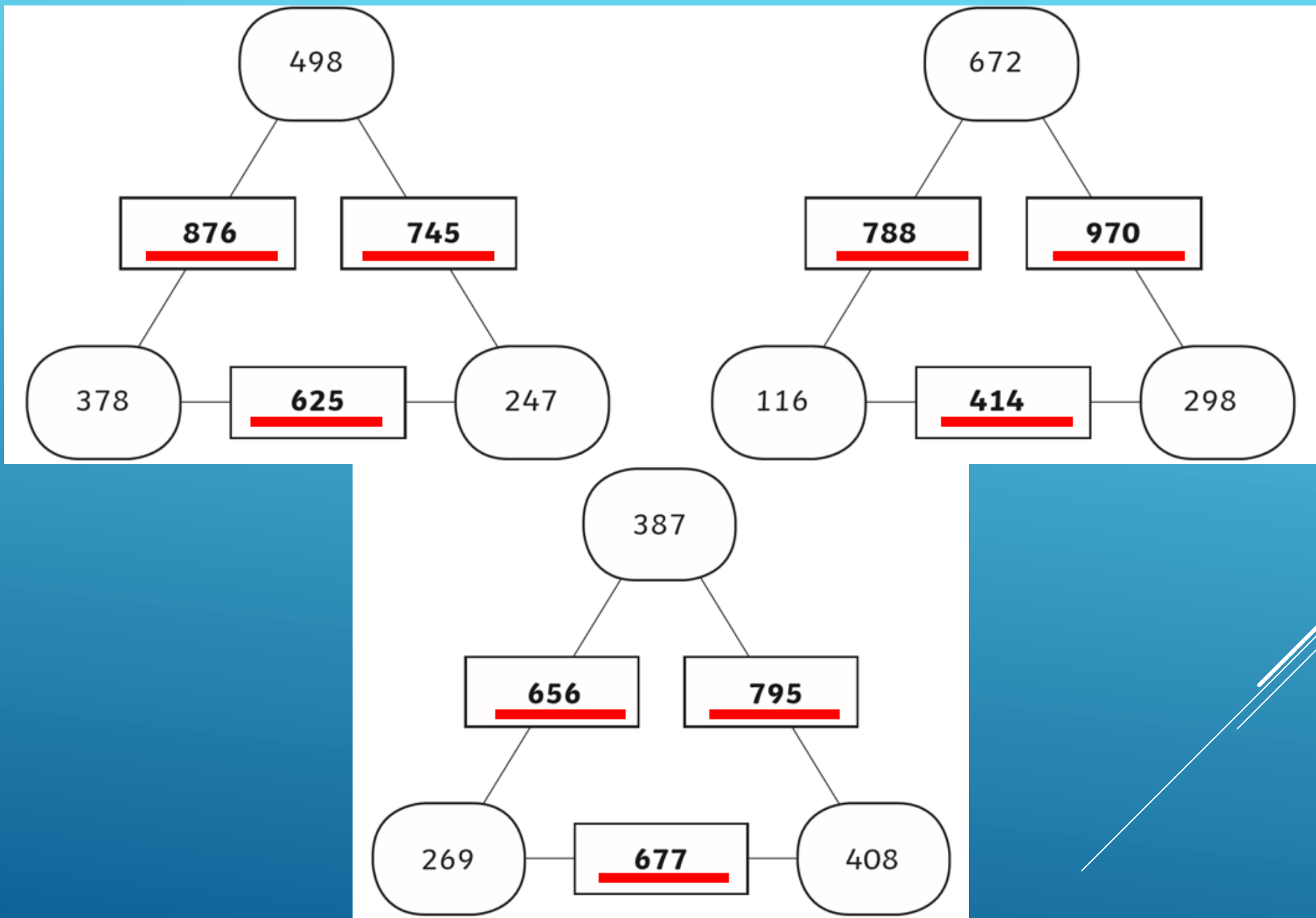
6 $\dfrac{3}{4} \boxed{>} \dfrac{3}{5}$

7 $\dfrac{7}{12} \boxed{>} \dfrac{8}{24}$

8 $\dfrac{1}{2} \boxed{<} \dfrac{2}{3}$

Questions

1. $\dfrac{1}{2}$ $\boxed{<}$ $\dfrac{3}{4}$

2. $\dfrac{3}{4}$ $\boxed{>}$ $\dfrac{3}{5}$

3. $\dfrac{7}{12}$ $\boxed{>}$ $\dfrac{8}{24}$

4. $\dfrac{1}{2}$ $\boxed{<}$ $\dfrac{2}{3}$

5. $\dfrac{3}{6}$ $\boxed{=}$ $\dfrac{4}{8}$

6. $\dfrac{7}{12}$ $\boxed{>}$ $\dfrac{2}{4}$

7. $\dfrac{3}{5}$ $\boxed{<}$ $\dfrac{18}{24}$

8. $\dfrac{11}{12}$ $\boxed{>}$ $\dfrac{7}{8}$

Literacy Bronze Answers

Popping Punctuation: Missing Punctuation Possible Answers

1. What could possibly go wrong?

2. It was dark outside; the sun had set hours ago.
   It was dark outside: the sun had set hours ago.

3. The weather (overcast) did not spoil the day.

4. "Stop right there!" the security guard called.

5. He could only think about one thing: his exams.
   He could only think about one thing – his exams.
   He could only think about one thing... his exams.

Popping Punctuation: Missing Punctuation Possible Answers

1. What could possibly go wrong?

2. It was dark outside; the sun had set hours ago.
   It was dark outside: the sun had set hours ago.

3. The weather (overcast) did not spoil the day.

4. "Stop right there!" the security guard called.

5. He could only think about one thing: his exams.
   He could only think about one thing – his exams.
   He could only think about one thing... his exams.

6. Jake trudged home – he was disappointed that football had been cancelled.
   Jake trudged home; he was disappointed that football had been cancelled.

7. Ben's new haircut was very short; it was different from his usual style.

8. Hassan, who was getting increasingly frustrated, waited for the next bus.
   Hassan – who was getting increasingly frustrated – waited for the next bus.
   Hassan (who was getting increasingly frustrated) waited for the next bus.

Literacy Gold Answers

Popping Punctuation: Missing Punctuation Possible Answers

1. What could possibly go wrong?

2. It was dark outside; the sun had set hours ago.
   It was dark outside: the sun had set hours ago.
   It was dark outside. The sun had set hours ago.

3. The weather (overcast) did not spoil the day.

4. "Stop right there!" the security guard called.

5. He could only think about one thing: his exams.
   He could only think about one thing – his exams.
   He could only think about one thing... his exams.

6. Jake trudged home – he was disappointed that football had been cancelled.
   Jake trudged home; he was disappointed that football had been cancelled.
   Jake trudged home. He was disappointed that football had been cancelled.

7. Ben's new haircut was very short; it was different from his usual style.
   Ben's new haircut was very short. It was different from his usual style.

8. Hassan, who was getting increasingly frustrated, waited for the next bus.
   Hassan – who was getting increasingly frustrated – waited for the next bus.
   Hassan (who was getting increasingly frustrated) waited for the next bus.

Accept any sentences which accurately contain the correct piece of punctuation, such as:

- I couldn't wait: my birthday was minutes away.

- Jim (my favourite uncle) always sends me a birthday card.

- The blood-thirsty vampire turned into a bat.

A quick reminder – please post, send or share your work with your class teacher for feedback.