

Year 5

Home-learning

Friday
5th June 2020



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



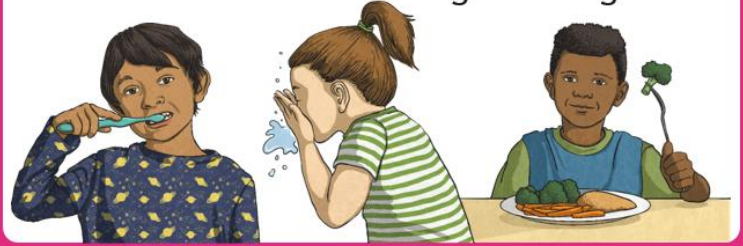


Staying safe



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:

S	M	A	R	T
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.





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.



Reading



Literacy



Maths



Topic



Year 5 - Friday 5th June 2020 - Home Learning Menu



Reading

Choose your level of challenge!





Incredible Invertebrates!

Invertebrates are a species of animal that do not have a back bone. Mammals, amphibians, reptiles, fish and birds do not fit into this category because they all have vertebrae (spinal bones), but these animals make up less than 4% of all the animal species on Earth. This means that around 96% of animal species alive are invertebrates. These include marine invertebrates and molluscs, such as sponges, jellyfish and oysters, as well as crustaceans and insects, such as crabs, shrimp and butterflies.

The largest invertebrate ever recorded was a giant squid that measured 13m long. The smallest invertebrates are so tiny that they cannot be seen by the naked eye.



Quick Questions

1. Write a short definition of the word 'invertebrate'.
2. What percentage of animals on Earth actually have spinal bones?
3. Who do you think this information is for?
4. Write two questions that you could find the answers to in this text.

Answer





Trial by Jury

Today I witnessed the trial of a fine man, Socrates – a philosopher who questioned the existence of the gods as recognised by the state. Socrates knew how the court system worked but when he was found guilty by a vote of 280 to 220 men, he was angry. His accusers suggested that the punishment should be the death penalty. Socrates found the charges against him ridiculous so initially responded with the sarcastic remark that he should be rewarded! He eventually suggested his fine should be one piece of silver. If Socrates had proposed a stronger punishment (for example, exile from Athens), the jury probably would have voted for it.

But he left them little choice by not treating the trial seriously...



Quick Questions

1. How many men were on the jury?
2. Which two words mean the same as 'recommended'?
3. Summarise the main points of this text in 20 words or less.
4. What do you think happened to Socrates in the end?



Reading



Literacy

Choose your level of challenge!



Tips, tricks and
additional resources!



Literacy



Optional Story Starter:

If you would like to choose your own story prompt,
go to <https://www.pobble365.com/> for more options...



Story starter!

Once, this place had been filled with colour and sunshine. Once, this place had seen thousands of people come and go. Once, this had been the happiest of places, filled with laughter and joy.

Now, everything was cold. Everyone was gone. Well, almost everyone...

**Can you continue the story?
What has happened to the palace? Who is it that remains?**





Literacy

Optional Story Starter:

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Literacy Silver



Story starter!

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Literacy



Story starter!

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**Can you continue the story?
What has happened to the palace? Who is it that remains?**





Literacy tips, tricks & resources



Question time!

- ▶ If the palace could speak, what would it be saying?
- ▶ Who do you used to live in the palace? Who is living there now?
- ▶ How would you feel if you lived there?
- ▶ Where have all the people gone?
- ▶ Do you notice anything unusual about the tree? Is it a tree?
- ▶ What do you think the building on the right used to be used for?



Maths

Maths

Choose your level of challenge!



Tips, tricks and
additional resources!



Maths



Maths



Bronze Maths



Warm up
(optional)



Main
activity



Maths



Bronze



Warm Up

Can you compete this Solvemoji?

$$\text{Red Fox} + \text{Red Fox} = 18$$

$$\text{Unicorn} - \text{Red Fox} = 3$$

$$\text{Dinosaur} + \text{Unicorn} = 20$$

$$\text{Red Fox} + \text{Dinosaur} = ?$$



Maths



Problems of the Day

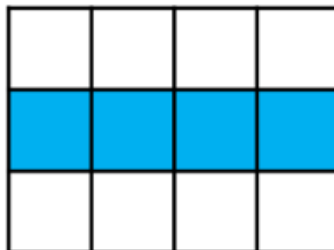
- 1 Ron has these digit cards.



He uses two of the cards to make a 2-digit number.

How many even 2-digit numbers can he make?

- 2 One third of the shape is shaded.
True or false?



- 3 Tick all the calculations that have an answer greater than 40

$$43 + 39$$

$$35 - 6$$

$$23 + 28$$

$$10 \times 7$$

$$24 \div 2$$

Did you tick any without working them out?



Maths



Silver Maths



Warm up
(optional)



Main
activity



Maths

Silver

Answer

Warm Up

Can you compete these Solvemojis?

1



+



=

18



-



=

3



+



=

20



+



=

?

2



+



=

8



x



=

32



+



=

11



+



=

?



Maths



Silver



Problems of the Day

1 Fill in the missing numbers.

100 less than 20,000 is

more than 20,000 is 20,600

2

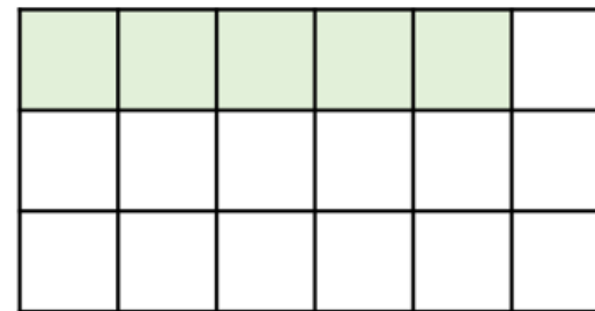
25% is
the same
as $\frac{1}{4}$



25% of my
number is 24

What number is Teddy thinking of?

3 Lucy shades in part of a rectangle.



She shades some more squares.

$\frac{7}{9}$ of the rectangle is now shaded.

How many more squares did Lucy shade?



Maths



Gold Maths



Warm up
(optional)



Main
activity



Maths

Gold



Answer

Warm Up

Can you compete these Solvemojis?

Fancy a challenge?

For steps 2, 3 and 4,
do the multiplication
before the addition.

1

$$\text{Fox} + \text{Fox} = 8$$

$$\text{Fox} \times \text{Raccoon} = 32$$

$$\text{Ant} + \text{Raccoon} = 11$$

$$2 \times \text{Fox} + \text{Ant} = ?$$

2

$$2 \times \text{Fox} + \text{Fox} + \text{Fox} = 36$$

$$\text{Owl} + \text{Owl} \times \text{Fox} = 49$$

$$\text{Owl} + \text{Dinosaur} \times \text{Dinosaur} = 32$$

$$\text{Owl} + \text{Fox} \times \text{Dinosaur} = ?$$



Maths



Problems of the Day

1 Fill in the missing numbers.

100 less than 20,000 is

more than 20,000 is 20,600

2

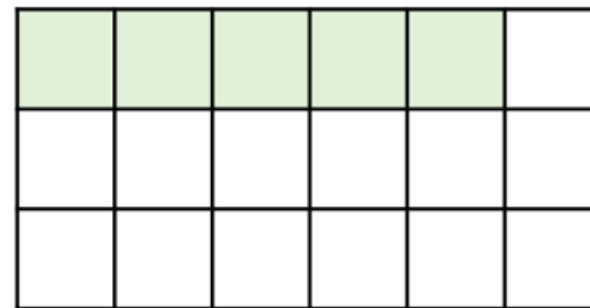
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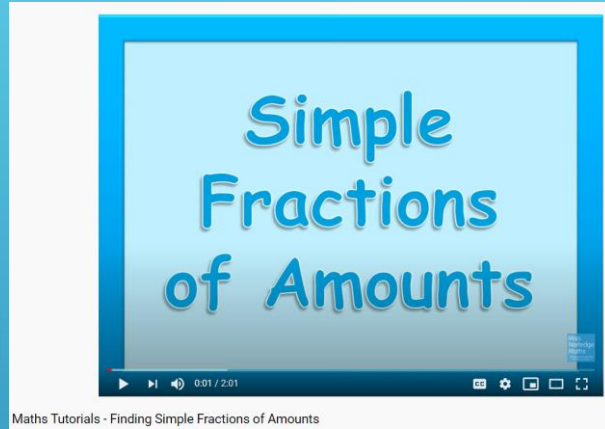
She shades some more squares.

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How many more squares did Lucy shade?

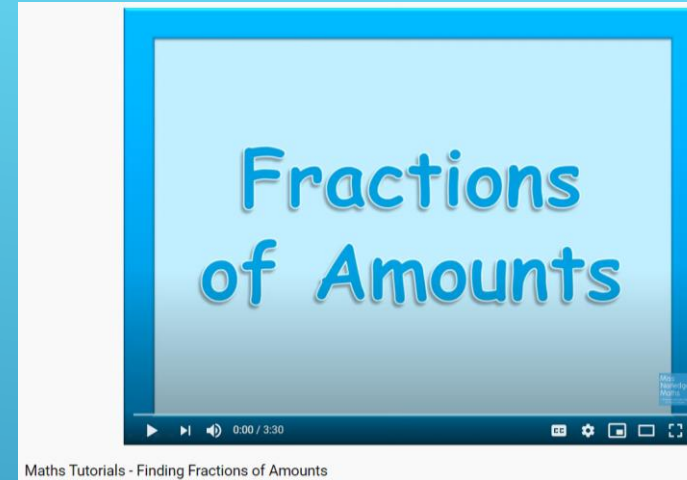


Maths



Maths Tutorials - Finding Simple Fractions of Amounts

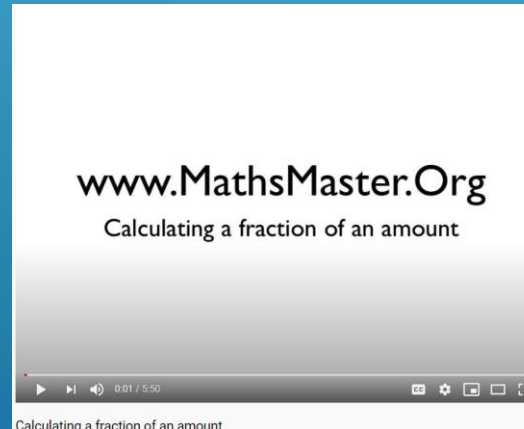
Simple
fractions of
amounts



Maths Tutorials - Finding Fractions of Amounts

Finding
fractions of
amounts

Calculating
a fraction
of an
amount



Calculating a fraction of an amount



Topic

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	Rainbow Paper Home Science Investigation
Year 3 & 4	Year 5 & 6	Years 3 & 4	Years 5 & 6	Click here for further explanation	Click here for further explanation
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

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

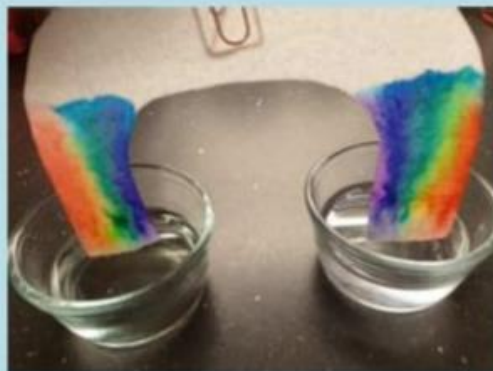


Home learning

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.

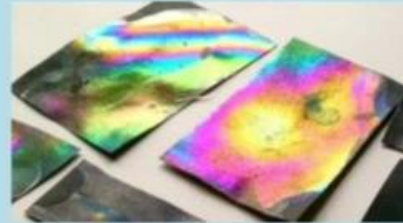
@MrsBpriSTEM



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 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!



Learning boost



Weekly
spelling
list



Useful
websites



Key skills
practice



Spellings – Week 6

Weekly spelling list



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.

**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://trockstars.com Top Marks: https://www.topmarks.co.uk/ Hit the Button: https://www.topmarks.co.uk/mathsgames/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



Key skills practice





Incredible Invertebrates! Answers

1. Write a short definition of the word 'invertebrate'.

Accept any definition that states that invertebrates are creatures without spinal bones.

2. What percentage of animals on Earth actually have spinal bones?

4%

3. Who do you think this information is for?

Accept an answer which states for children / those who do not know about invertebrates / people interested in the animal species.

4. Write two questions that you could find the answers to in this text.

Accept any questions that are correctly punctuated and whose answers can be directly retrieved from the text.



Home learning



Trial by Jury

1. How many men were on the jury?

Accept: 500

2. Which two words mean the same as 'recommended'?

Accept 'suggested' and 'proposed'

3. Summarise the main points of this text in 20 words or less.

Accept any reasonable summary which is 20 words or less in length.

4. What do you think happened to Socrates in the end?

Accept a reasonable explanation that focuses on him probably dying / receiving the death penalty due to being found guilty and leaving the jury 'little choice' when he failed to give a stronger alternative punishment.



$$9 + 9 = 18$$

$$12 - 9 = 3$$

$$8 + 12 = 20$$

$$9 + 16 = 25$$



Maths



Bronze

1 Ron has these digit cards.

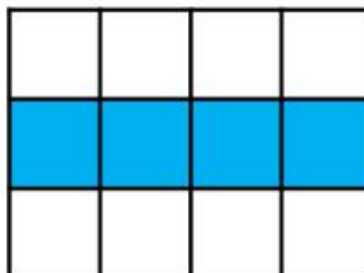


He uses two of the cards to make a 2-digit number.

How many even 2-digit numbers can he make? **He can make 4 even 2-digit numbers: 14, 16, 46, 64**

2 One third of the shape is shaded.
True or false?

True



3 Tick all the calculations that have an answer greater than 40

$$43 + 39 \quad \checkmark$$

$$35 - 6$$

$$23 + 28 \quad \checkmark$$

$$10 \times 7 \quad \checkmark$$

$$24 \div 2$$

Did you tick any without working them out?

e.g. I knew $43 + 39$ because 43 is greater than 40



Maths



1

$$9 + 9 = 18$$

$$12 - 9 = 3$$

$$8 + 12 = 20$$

$$9 + 16 = 25$$

2

$$4 + 4 = 8$$

$$4 \times 8 = 32$$

$$3 + 8 = 11$$

$$8 + 3 = 11$$



Maths



Silver

1 Fill in the missing numbers.

100 less than 20,000 is

19,900

600

more than 20,000 is 20,600

2



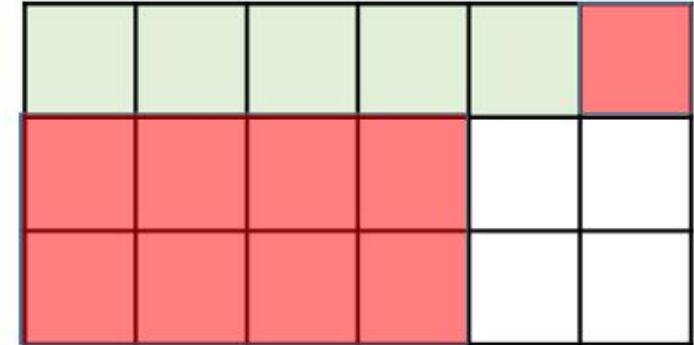
25% of my number is 24

What number is Teddy thinking of?

$$24 \times 4 = 96$$

Teddy is thinking of 96

3 Lucy shades in part of a rectangle.



She shades some more squares.

$\frac{7}{9}$ of the rectangle is now shaded.

How many more squares did Lucy shade?

Lucy shades 9 more squares.



Maths



Gold

1

$$4 + 4 = 8$$

$$4 \times 8 = 32$$

$$3 + 8 = 11$$

$$8 + 3 = 11$$

2

$$12 + 12 + 12 = 36$$

$$7 + 7 \times 6 = 49$$

$$7 + 5 \times 5 = 32$$

$$14 + 6 \times 5 = 44$$



Maths



1 Fill in the missing numbers.

100 less than 20,000 is

19,900

600

more than 20,000 is 20,600

2



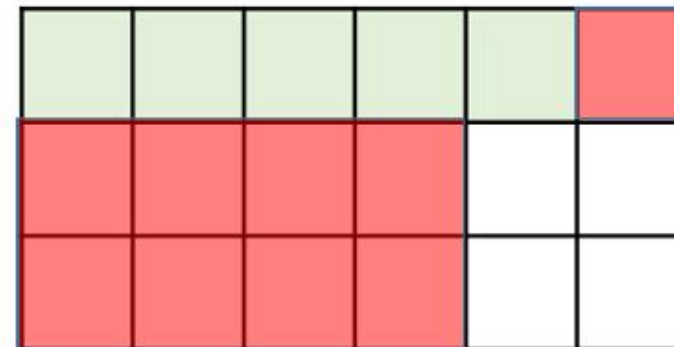
25% of my number is 24

What number is Teddy thinking of?

$$24 \times 4 = 96$$

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$\frac{7}{9}$ of the rectangle is now shaded.

How many more squares did Lucy shade?

Lucy shades 9 more squares.



Literacy Bronze Answers

No specific answers
for today, but please
submit completed
work to your teacher
for feedback.



Literacy Silver Answers

No specific answers
for today, but please
submit completed
work to your teacher
for feedback.



Literacy Gold Answers

No specific answers
for today, but please
submit completed
work to your teacher
for feedback.



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