Good morning Year 6!

Monday 25th January 2021

Daily question: Which is better – to have plenty of knowledge or a good imagination?

Joke: What did one volcano say to the other?

I lava you!

Remember to send in any examples of work or pictures of fun activities to year6@lea-pri.Herts.sch.uk so that they can be shared on the school website and the school twitter account.

Early morning work – try and complete before our 9.30am zoom please.

MONDAY Arithmetic week 19 - page 1

1 [ ] x 7 x 4 = 140

1 mark

2 805 + 1,197 =

1 mark

3

$$\frac{4}{6} - \frac{3}{6} =$$

1 mark

4

$$628 \times \boxed{} = 0$$

1 mark

5

☐ = 56 - 28

1 mark

6

7.2 + 1.017 = ☐

1 mark

7

5,000,000 + 60,000 + ☐ = 5,060,800

1 mark

8

3 x 99 =

1 mark

Answers

1) 5
2) 2,002
3) 1/6
4) 0
5) 28
6) 8.217
7) 800
8) 297

Word of the day ……

hypothetically

Definition?

Synonyms?

Antonyms?

English - learning to organise and illustrate a process into clear, sequenced stages.

The title of our film is called:

‘5 metres 80’

What do you think the film will be about and why?

Here are some stills from the film …….

Does this give you any further clues?
What do you think will happen in the film now and why?

Watch the film:
https://www.youtube.com/watch/nPrWo5pEvyk

High diving giraffes!

What did you think about the film?

What was your initial thoughts and feelings about the film?

Did you predict correctly?

Over the next fortnight, you will be working towards writing a sports commentary, which features an explanation on how to high dive like a giraffe!

This week, you will be researching and writing a diving explanation texts.

Watch the film again ……

While watching the film again, watch the giraffes carefully and try to remember the actions and techniques you see in the correct order. (you can watch the film as many times as you need to)

After you have finished watching the film, what high diving techniques did you see? e.g. tuck,.

Can you use time conjunctions (fronted adverbials) to sequence what they say

(don’t worry about using technical vocabulary for diving just yet).

First, carefully lower the first giraffe into place using the hanging apparatus: he will be responsible for launching the divers into the air.

Next, the other giraffes must get into position etc.

Task:

Can you break down the giraffe diving process into Stages? You can illustrate using diagrams to show this step by step sequence or use the stills from the film (on the slides after my model – you can use any of them) You need to describe what is happening in each image.

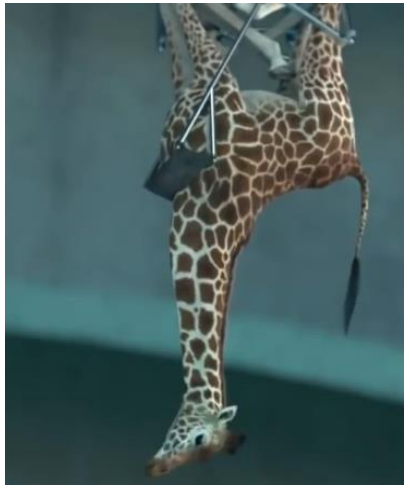
In my model, I have given you 4 steps so you can see what's expected. You are welcome to 'magpie' my first 2 steps. There should be about 6 steps altogether: lining up, preparation, running on the platform, jumping onto the support giraffe, the actual trick/dive and the landing. If you want to do more steps, you are very welcome to.

Please remember to start your steps with time connectives – a word map to support you is on a slide after the stills.

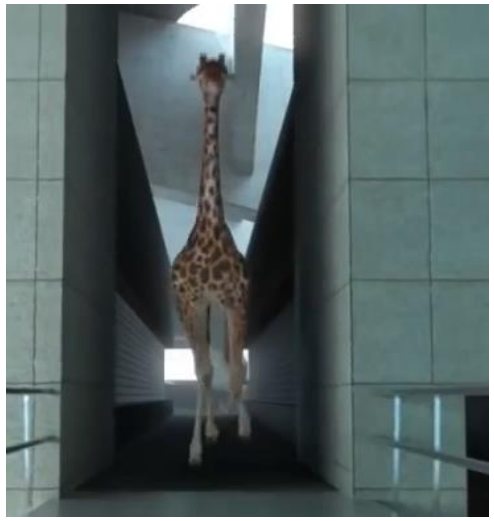
My model: I have written my version of the first 4 steps. You are very welcome to magpie my first 2.

First, the giraffes have to organise themselves into a straight line. The giraffes have to behave with respect and dignity at all times. (No pushing allowed!)

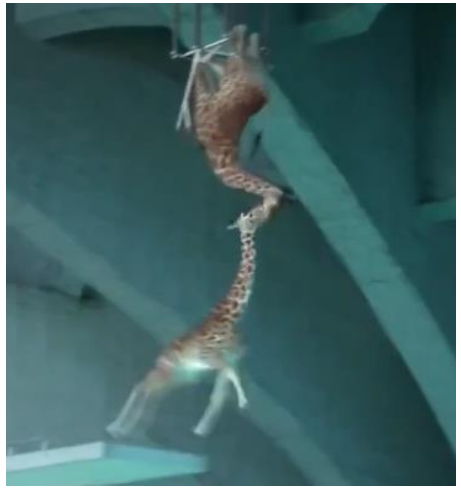
Next, carefully lower the first giraffe into position using the hanging apparatus; he will be responsible for launching divers into the air.



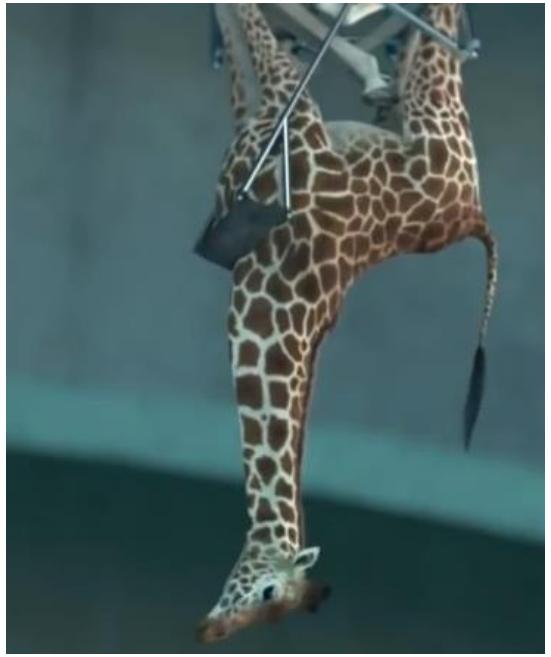
Eventually, once everything is in place, the first giraffe is ready to go. The giraffes needs to run as fast as they can towards the end of the diving platform.

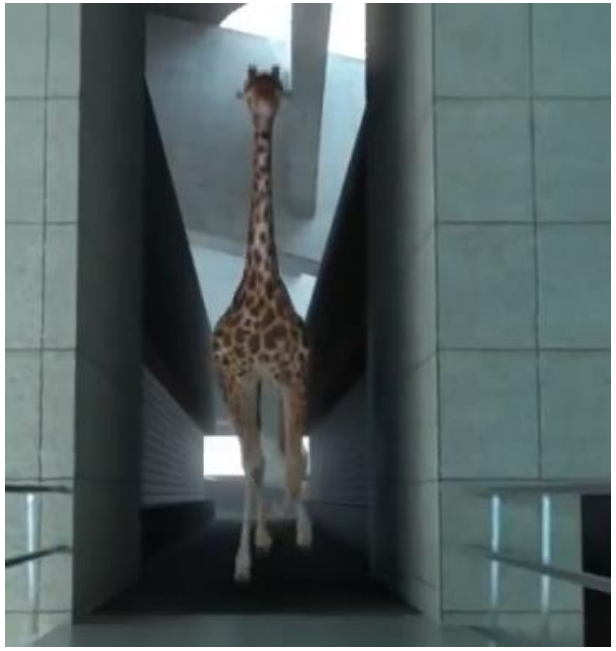


Finally, when the giraffe reaches the edge of the diving board, he jumps off and completes a clean flip onto the supporting giraffe.

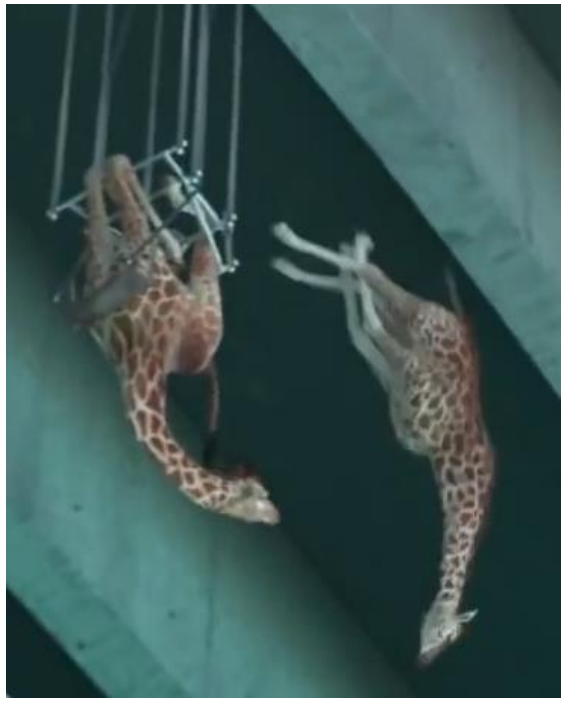
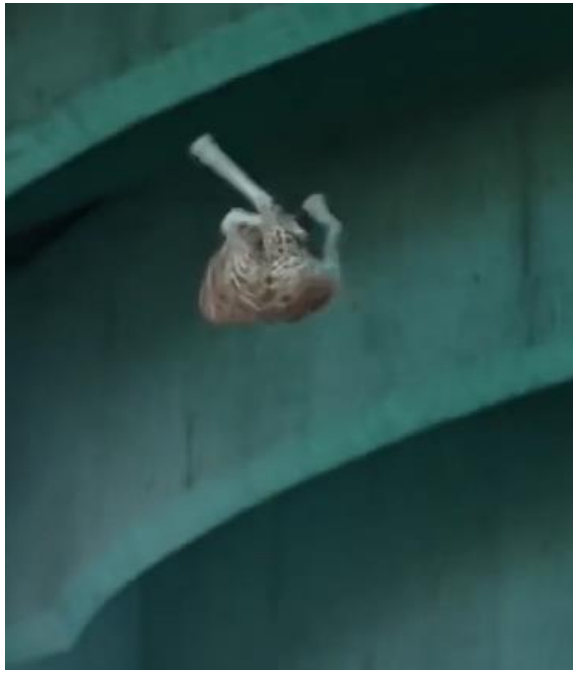
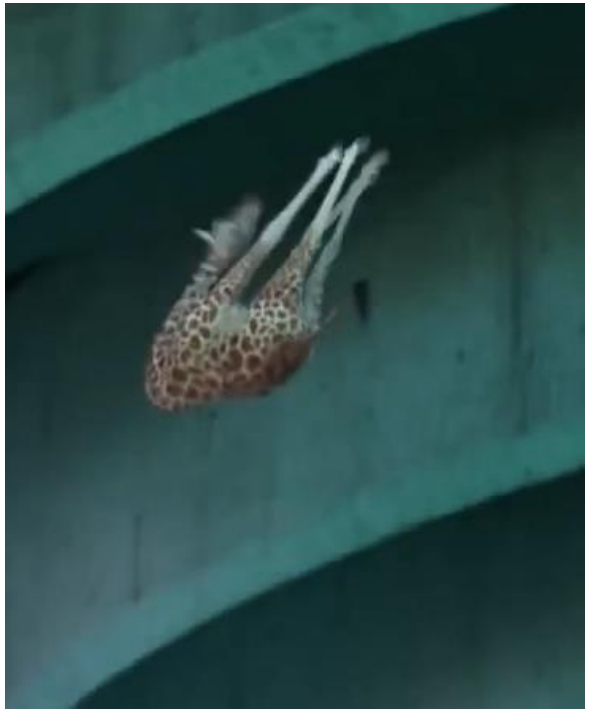


Stills:







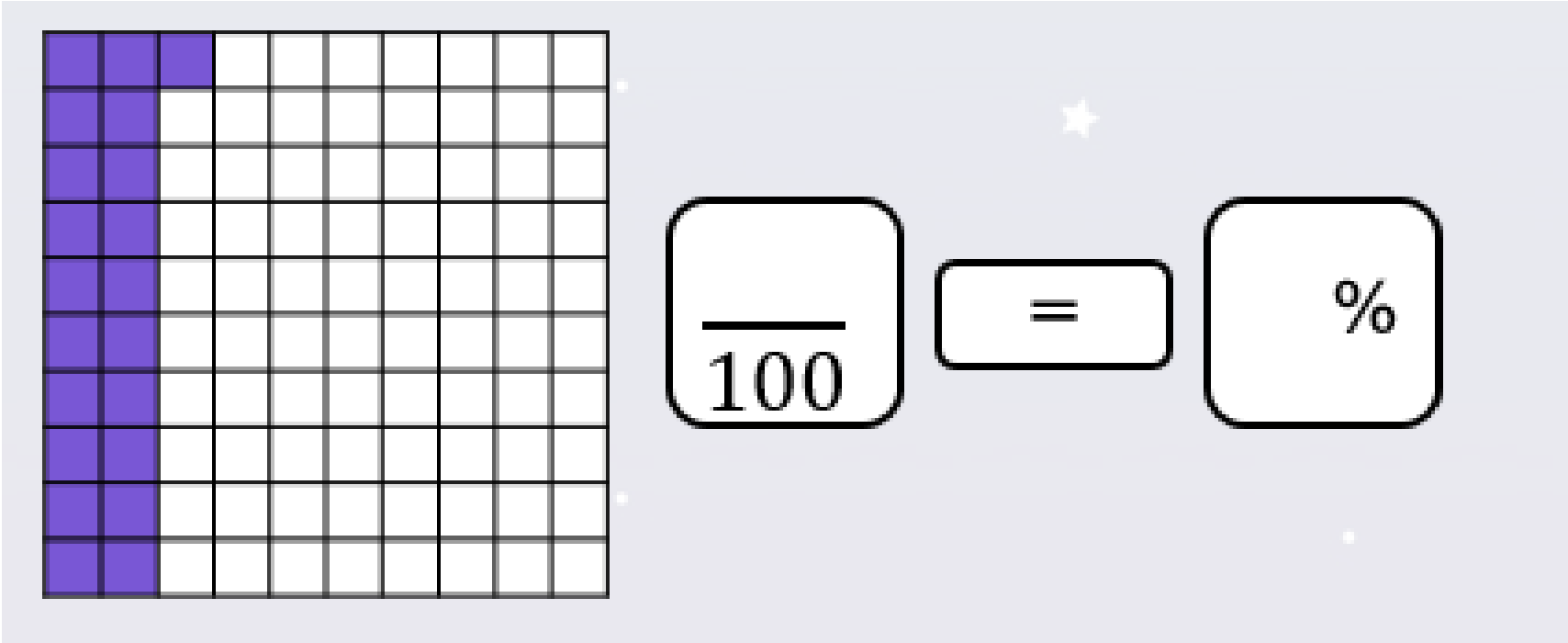





You can use any of these pictures or draw your own.

Time Conjunctions

after	as soon as possible	before	earlier
eventually	finally	in the beginning	in the end
just at that moment	just then	later	meanwhile
next	several months later	suddenly	while
first	without warning	second	after that

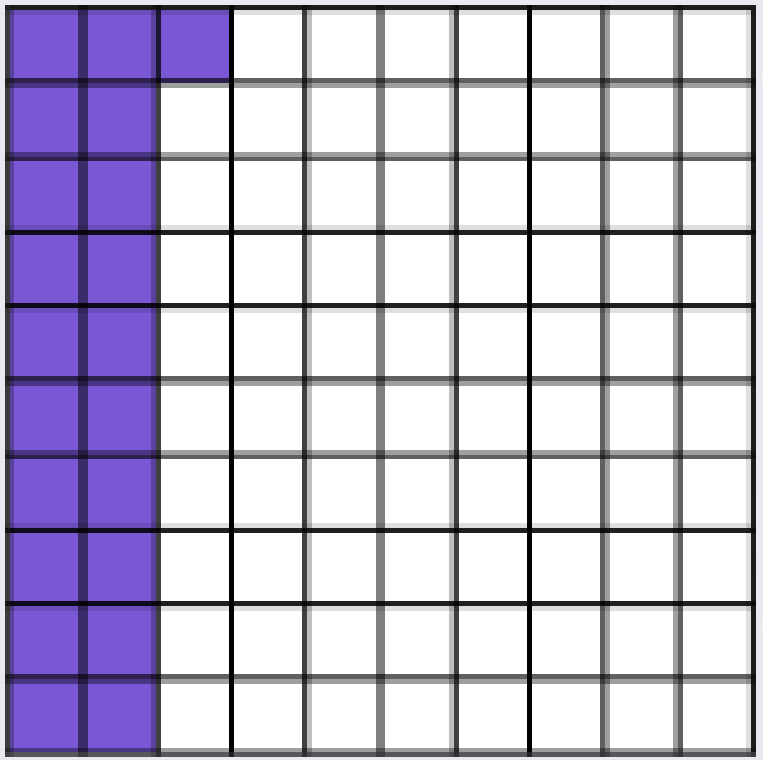
Maths - to convert fractions to percentages



% = out of 100

How many squares are coloured in? This is your numerator out of 100.

The % is the amount of out of 100 you have.



$$\frac{21}{100} = 21\%$$

Did you know?

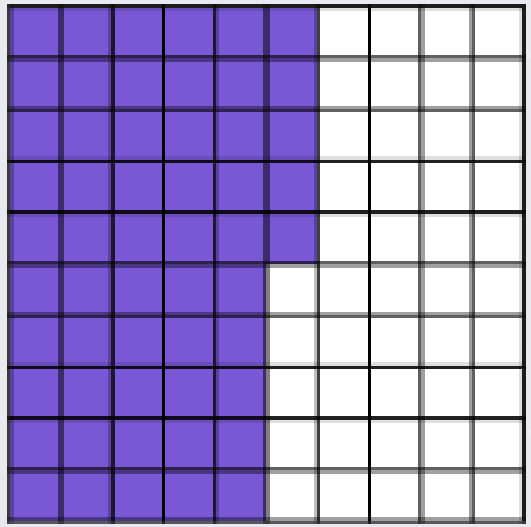
All fractions can be converted to percentages and vice versa!

Per cent means out of a hundred. When we talk about percentages, we are referring to a fraction that is over one hundred.

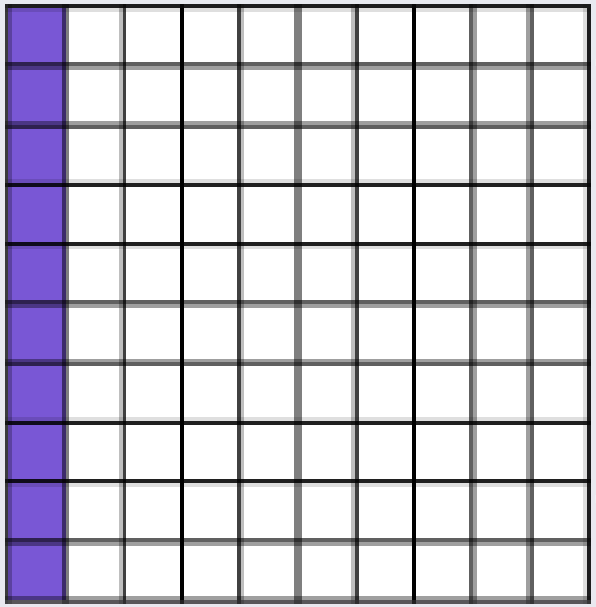
Instead of writing it as a fraction, we use the per cent symbol (%).

21% = 21⁄100

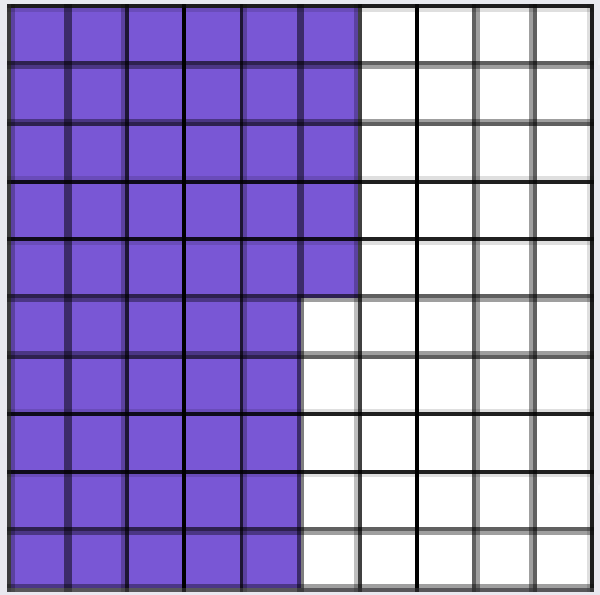
Convert the shaded area into a fraction over 100, then into a percentage.



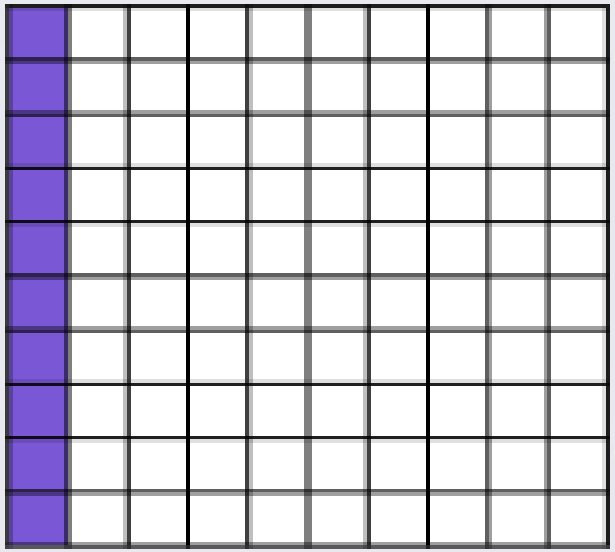
$\frac{\quad}{100}$ = %



$\frac{\quad}{100}$ = %



$$\frac{55}{100} = 55\%$$



$$\frac{10}{100} = 10\%$$

Let's take a look at two methods to convert fractions into percentages:

Method 1

Since not all fractions have a denominator of 100, you have to convert the fraction into one that does.

Example 1:

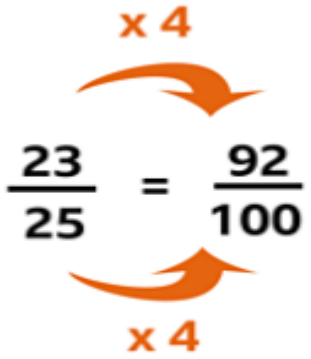
What is $^{23}/_{25}$ as a percentage?

Step 1: Convert $^{23}/_{25}$ into an **equivalent fraction** with a denominator of 100. Remember, multiply the numerator and the denominator by the same number.

Step 2: Now that you have the equivalent fraction of $^{92}/_{100}$,

you take the numerator and add the per cent sign!

$^{92}/_{100}$ = 92%



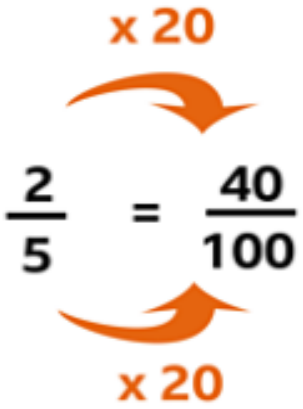
Example 2:

What is ⅖ as a percentage?

Step 1: Convert ⅖ into an equivalent fraction with a denominator of 100.

Step 2: Place the numerator 40 next to the per cent symbol.

$^{40}/_{100}$ = 40%



Method 2

What if you can't convert the fraction into an equivalent with a denominator of 100? Not all numbers go into 100 after all.

Sometimes, you have to convert the fraction into a decimal first before finding the percentage.

Example 1:

What is $\frac{3}{8}$ as a percentage?

Step 1: Did you know that the fraction line also means divide? So $\frac{3}{8}$ can also be written as 3 ÷ 8.

So 3 ÷ 8 = 0.375

Top tip: You can always use the bus stop method to help you with division – Fridays lesson!

Step 2: Now that the fraction is a decimal, you multiply it by 100.

0.375 x 100 = 37.5

Step 3: Add the per cent sign next to 37.5.

So $\frac{3}{8}$ = 37.5 %

Example 2:

What is $\frac{4}{6}$ as a percentage?

Step 1: Divide the numerator by the denominator.

So 4 ÷ 6 = 0.67 (rounded to two decimal places)

Step 2: Multiply by 100.

0.67 x 100 = 67

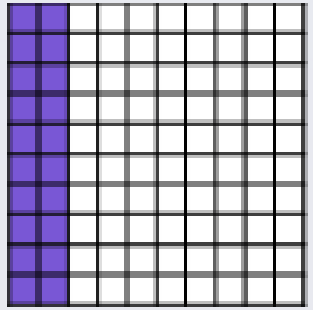
Step 3: Add the per cent symbol.

So $\frac{4}{6}$ = 67 %

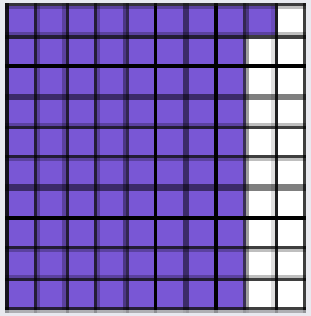
Tasks:

Task 1

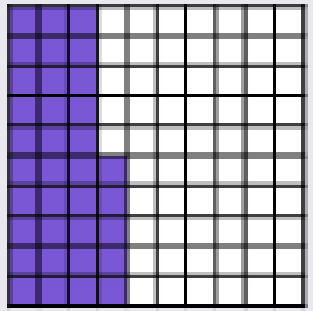
Convert the shaded area into a fraction over 100, then into a percentage.



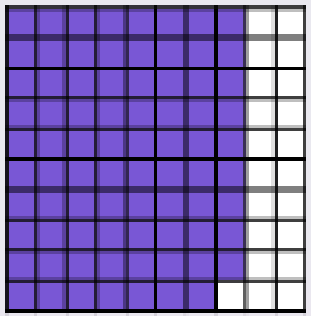
$\frac{\quad}{100}$ = %



$\frac{\quad}{100}$ = %



$\frac{\quad}{100}$ = %



$\frac{\quad}{100}$ = %

Task 2

In a Maths test, Tommy answered 62% of the questions correctly.

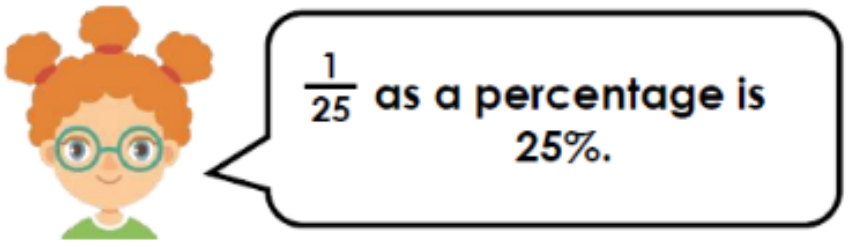
Rosie answered $\frac{3}{5}$ of the questions correctly.

Who answered more questions correctly?

Explain your answer.

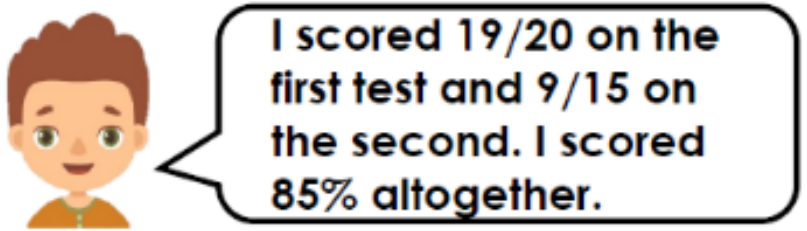
Task 3

1) Millen says,



Is she correct? Convince me.

2) Ray says,

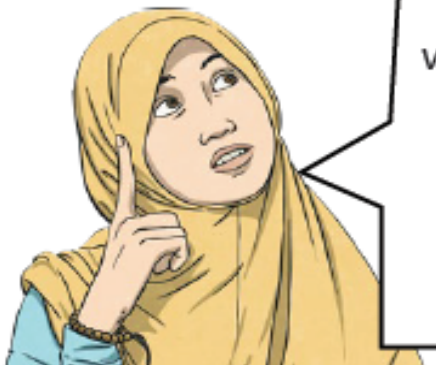


Is he correct? Convince me.

Greater depth

This table shows the test scores for two children in different school subjects. Each score has been converted to an equivalent fraction, then a percentage.

My maths score was even. When changed to a percentage, it was the closest score to 50% that is possible when an even number is scored.



My Geography score was odd. When changed to a percentage, it was the closest score to 75% that is possible when an odd number is scored.

	Maths	Science	Geography	Reading
Amelia	$\frac{\square}{25} = \frac{\square}{100} = 68\%$	$\frac{\square}{200} = \frac{\square}{100} = 59\%$	$\frac{\square}{50} = \frac{\square}{100} = \square$	$\frac{\square}{24} = \frac{\square}{8} = 12.5\%$
William	$\frac{\square}{25} = \frac{\square}{100} = \square\%$	$\frac{\square}{200} = \frac{\square}{100} = 78\%$	$\frac{\square}{50} = \frac{\square}{100} = 94\%$	$\frac{9}{\square} = \frac{\square}{8} = 37.5\%$

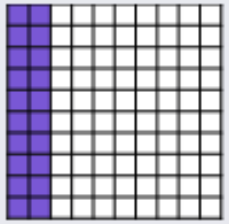
Firstly, use the clues to find two of the children's scores.

Now, complete the table by working out all of the other missing values.

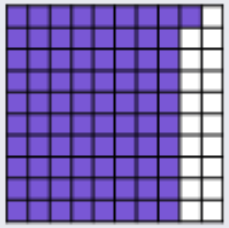
Answers:

Task 1

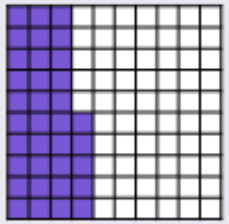
Convert the shaded area into a fraction over 100, then into a percentage.



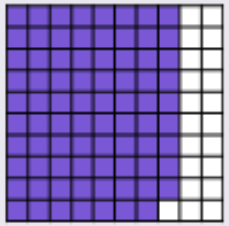
$\frac{20}{100}$ = 20%



$\frac{81}{100}$ = 81%



$\frac{35}{100}$ = 35%



$\frac{79}{100}$ = 79%

Task 2

Tommy answered more questions correctly because $\frac{3}{5}$ as a percentage is 60% and this is less than 62%

Task 3

1) Millen is incorrect. 25% is not 1/25. 25% is 1/4 and 1/25 is 4%.

2) Ray is incorrect. He scored 28/35 in total which equals 80%.

Greater depth

	Maths	Science	Geography	Reading
Amelia	$\frac{17}{25} = \frac{68}{100} = 68\%$	$\frac{118}{200} = \frac{59}{100} = 59\%$	$\frac{37}{50} = \frac{74}{100} = 74\%$	$\frac{3}{24} = \frac{1}{8} = 12.5\%$
William	$\frac{12}{25} = \frac{48}{100} = 48\%$	$\frac{156}{200} = \frac{78}{100} = 78\%$	$\frac{47}{50} = \frac{94}{100} = 94\%$	$\frac{9}{24} = \frac{1}{8} = 37.5\%$

Now take a break! Well-being time.

Possible activities:

- Go and get some fresh air in your garden.
- Take your hours exercise – walking, riding a bike, scooting
- Read a book.
- Listen to music.
- Make lunch. (parents permission/supervision needed)
- Do some baking/cooking. (parents permission/ supervision needed)
- Draw some pictures.
- Colouring.

Guided reading

comprehension skills

Nian: The Monster of Lunar New Year

Once upon a time, long, long ago there lived a monster in China called the Nian. He lived under the sea in a cave and slept most of the year. He only awoke for one day each year, the last day before the lunar New Year began. Then the warmer weather woke him and he arose from the sea, hungry and ferocious.

Nian was a man-eater and he would come to the villages of China each year on the same night to devour people and wreck the houses. Many had tried to battle with the mighty Nian, many had tried and all had failed.

The villagers of one particular place were so terrified that every year they fled to the hills to try to escape the wrath of Nian.

One year, on the eve of the lunar New Year an old traveller came to the village. He was bent and weary from his travels and he desperately wanted food and lodging.

He went to the door of a house to beg for the food but the woman inside just turned him away. She had no time for beggars, she was packing food and preparing for the move up to the mountain.

The old man tried to ask a young girl on the street for help next but she was too busy as well. She had to find her brothers and sisters and start the long walk up the mountain to escape the monster.

The only person who paid the old man any notice at all was an old woman. She was sweeping outside her house when she saw the weary traveller and realised that he needed food. She walked inside and returned to the man with a bowl of noodles.

While the old traveller ate he sat and watched the villagers running about.

He asked what all the fuss was about and the woman explained that the Nian was coming that night and the villagers were going to hide in the hills to ensure that their village was overlooked by the monster.

The woman looked worried and the old man asked her why. The old woman didn't think she'd be able to make the trip to the hills that year – her bones were old and she was weary.

The old man smiled to himself. He knew how to repay the old woman's kindness.

1. **Find** and **copy** the word that tells you that the old traveller is feeling weak and exhausted.

_____

2. Why are the first two people that the old traveller speaks to unwilling to help him?

_____

_____

_____

3. Why do you think that the old woman decided to help the old traveller?

_____

_____

_____

4. *'The old man smiled to himself. He knew how to repay the old woman's kindness.'* What do you think the old man is thinking of doing?

_____

_____

1. Find and copy the word that tells you that the old traveller is feeling weak and exhausted.
   weary

2. Why are the first two people that the old traveller speaks to unwilling to help him?
   The first woman had no time for beggars as she was packing food and preparing to move up the mountain. The young girl on the street was also too busy – she needed to find her brothers and sisters so they could all escape the monster.

3. Why do you think that the old woman decided to help the old traveller?
   Accept reference to:

   - **she noticed how weak he looked and felt concerned that he needed food or he would become ill.**
   - **she was a similar age to him and felt compassion for his situation.**

4. *'The old man smiled to himself. He knew how to repay the old woman's kindness.'*
   What do you think the old man is thinking of doing?
   Accept predictions that refer back to what has been read so far:

   - **he will help the old woman on her journey up the mountain.**
   - **he will find a way of stopping Nian so that the villagers no longer have to fear the monster.**

Tornado Alley

Tornado Alley in the United States is a region where warm, moist air flows north from the Gulf of Mexico and crashes into cold air pushing south from Canada. When they meet, violent thunderstorms occur and these are known as super cells. As warm, moist air flows into the storm it is pushed up and then twisted by upper level winds. As this rotating column of air gathers force, a tornado is born that can last between 20 seconds and an hour.

What should you do if you are caught in a tornado?

- Get underground!
- If you can't get underground, find a room without windows.
- Stay out of mobile homes.
- Do not hide in your bathroom.
- Go to the nearest sturdy building if you are driving.
- Take action before you see the tornado.
- If outdoors, find a building or basement.

Photo courtesy of NOAA Photo Library (@flickr.com) – granted under creative commons licence – attribution

If you cannot quickly walk to a shelter, get into your vehicle and fasten your seatbelt. Drive to the nearest shelter. If debris affects your ability to drive, pull over and park. Stay in the car and keep your seatbelt on. Keep your head down below the windows and cover yourself with a blanket.

1. *'If debris affects your ability to drive...'*
   Which word or phrase most closely matches the meaning of the word 'debris'?

   vision ☐ dust fragments ☐ vibration ☐ the storm's strength ☐

2. **Tick** true or false in the following table:

	True	**False**
Warm, moist air flows from Canada towards Tornado Alley.		
Tornados can last up to one hour.		
You should never drive during a tornado.		
Super cells are a type of violent thunderstorm.		

3. Why does the text advise you to find a room without windows during a tornado?

   _____

4. What is the main message of the second and third paragraphs. **Tick one.**

   People should evacuate to a different town when a tornado is approaching. ☐

   Tornadoes are rotating columns of air. ☐

   People can take several precautions to keep themselves safe during a tornado. ☐

   Tornadoes are extremely dangerous natural hazards. ☐

1. *'If debris affects your ability to drive...'*
   Which word or phrase most closely matches the meaning of the word 'debris'?

   vision ☐ dust fragments ☑ vibration ☐ the storm's strength ☐

2. **Tick** true or false in the following table:

	True	False
Warm, moist air flows from Canada towards Tornado Alley.		✓
Tornados can last up to one hour.	✓	
You should never drive during a tornado.		✓
Super cells are a type of violent thunderstorm.	✓	

3. Why does the text advise you to find a room without windows during a tornado?
   The text advises you to find a room without windows as they may smash during the storm and could cause a person harm.

4. What is the main message of the second and third paragraphs. **Tick one.**

   People should evacuate to a different town when a tornado is approaching. ☐

   Tornadoes are rotating columns of air. ☐

   People can take several precautions to keep themselves safe during a tornado. ☑

   Tornadoes are extremely dangerous natural hazards. ☐

Weekly challenge

Your third weekly challenge is to …… plan and cook a meal of your choice for your family! (you must ask permission first please!)

You are very welcome to plan a starter, main and pudding if you so wish and are allowed. It would be good if you could find recipes and what ingredients you will need and either go shopping (I know this could be difficult at this moment in time) or add it to the weekly shopping list for a parent or online. Once you have all of the ingredients, work out a day/time you can cook. You will need parental support with this so please ask politely when the best time would be to do this.

Please send me a video or take photos of you guys cooking, preparing etc. or end results. Have fun!

We will share what you have made on Friday afternoon zoom!