



Daily Learning Task 7

Year 5

Maths

Focus: Area recap

What does it mean to find the area of a shape?

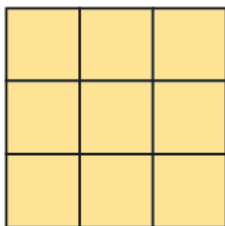
Can you remember how to calculate the area of a shape.

One way we can calculate the area, is to count squares.

This is if we know the squares represent 1cm squared each.

For example,

To find the area of this shape...



I can count the squares. The area of this shape is 9 squares. It is a good idea to cross of the squares you have counted, so that you don't count the same square twice! This is especially possible with more complex shapes.

Try the worksheets below.

Don't forget to also visit **Maths Flex!**

Username: your school username (e.g. 0092015NR)

Password: your 4 digit code and your initials (e.g. 1234NR)

English

Vocabulary Victor

Read the text. Can you write definitions of the underlined words, which would help children in Year 2 or 3 to understand them?

Don't forget to also visit Reading Plus!

School code: rpbeaum3

Username: Your first name (with a capital) and first initial of your last name (e.g. BellaR)

Password: Your 4 digit password for school

Other

Who am I?



Act like a person or a character you have learned about in History. You could record yourself and the class can guess who you are being!

Ongoing tasks:

TT rockstars

<https://play.ttrockstars.com/auth/school/student>

Spelling shed https://www.edshed.com/en-gb/login?return_url=https%3A%2F%2Fwww.spellingshed.com%2Fen-gb%2F

Maths Flex (log in details above)

Reading plus (log in details above)

Useful links:

Joe Wicks:

<https://www.youtube.com/channel/UCAxW1XT0iEJo0TYIRfn6rYQ>

Purple Mash - play some educational games!

<https://www.purplemash.com/sch/beaumont>

Relax with yoga: <https://www.youtube.com/user/CosmicKidsYoga>

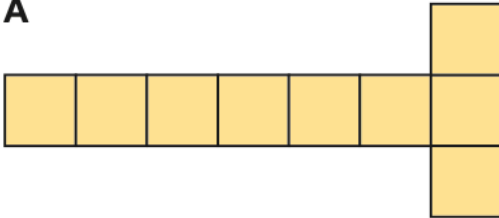
Practise your Maths skills: <https://www.topmarks.co.uk/>

Extra learning: <https://www.bbc.co.uk/bitesize/>

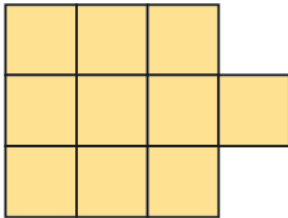
Maths worksheet

1 Count the squares in each shape to find the area.

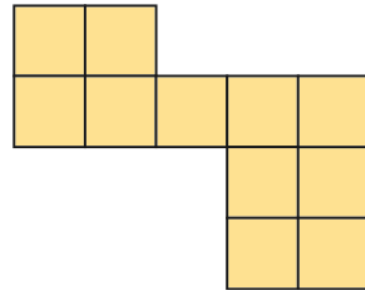
A



B

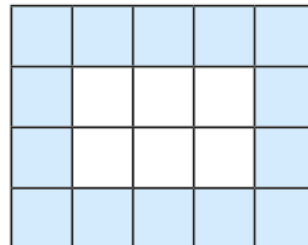


C



Which shape has the greatest area?

2 What is the area of the shaded part of the shape?



3 Here is a kitchen tile.

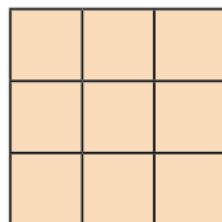
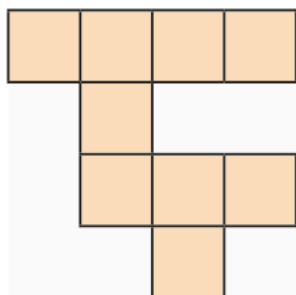


a) What area of the tile is blue?

b) What area of the tile is white?

c) What is the total area of the tile?

- 4 These two shapes are made up of squares of the same size.



Jack

These two shapes
have the same area.



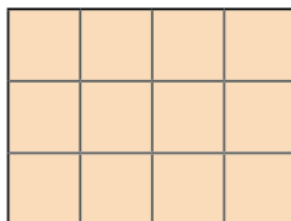
Rosie

The first shape is bigger as it
takes up more space.

Who is correct?

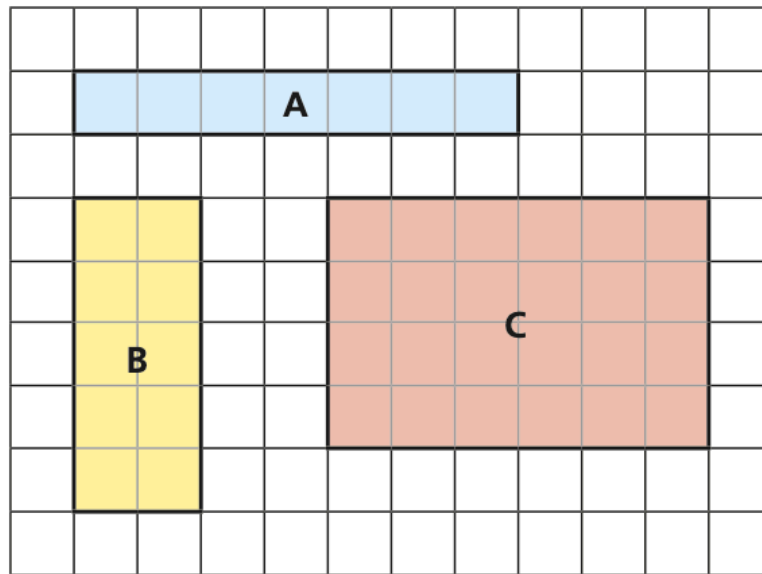
Explain how you know.

- 5 Here is a rectangle.



- a) The rectangle has rows and columns.
- b) What is the area of the rectangle?
- c) How did you work out the area?

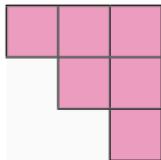
- 6 Find the area of each rectangle.



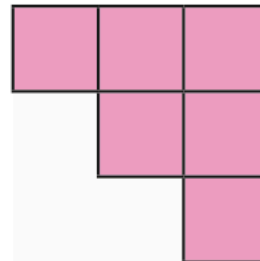
- 7 Nijah and Eva are making shapes.

They each use 6 squares.

Nijah's shape



Eva's shape

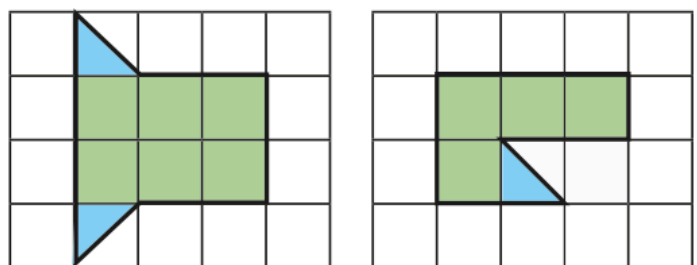


The area of Nijah's shape is equal to the area of Eva's shape.

Is this true or false?

How do you know?

- 8 What is the area of each shape?



Rainforests

What is a Rainforest?

Rainforests are huge forests that get a lot of rain. They are found in all continents of the world apart from Antarctica (as it's too cold there). There are two types of rainforest: tropical (in the tropical, warm zone near the Equator) and temperate (in the temperate zone further away from the Equator). Most rainforests are tropical, these are forests with tall trees, warm climates (weather patterns), and lots of rain. It can rain one inch of rain per day in some rainforests! The largest of these is the Amazon Rainforest in South America.

The Canopy

The rainforest trees are in such close proximity, that the branches and leaves at the top of the trees touch each other and form what is referred to as 'The Canopy', which acts a bit like a roof for the forest. The canopy can be approximately 30m above the ground. The canopy is hotter and drier during the day than other parts of the rainforest so animals that live there have adapted. Some have loud calls in order to communicate in the thick foliage and some are able to jump from tree to tree.



Fact File in Numbers

- 2% of the Earth's surface is covered in rainforest.
- 50% of the plants and animals of the world live in rainforests.
- $\frac{1}{5}$ of our fresh water is found in a rainforest in the Amazon Basin.
- $\frac{1}{4}$ of natural medicines have been found in rainforests.
- 70% + of the plants that are used to treat cancer are found only in the tropical rainforests.

The Forest Floor

This is a dark because the canopy blocks a lot of the light and it is humid (damp), but it is still a very important part of the ecosystem. The floor is where dead animals and plants decompose (rot) and recycle all the nutrients and materials. Also, the larger animals are found here including tapirs, elephants, tigers and jaguars.

Why are they so important?

Rainforests do a few things that are critical to our life on Earth. One important thing that rainforests do is they use photosynthesis to take in carbon dioxide and make oxygen which we need to breathe and survive. This is why they are called 'The Lungs of The Earth'.

So, how can we manage without them?

They also help keep our weather system stable by absorbing carbon dioxide, creating rainfall and keeping temperature stable. They also affect the water cycle as they hold so much water which condenses into the atmosphere.