



BROOKE &  
MARSHLAND  
FEDERATION

# Year 4 Home Learning

## Theme: The Journey

## Summer Term Week 1

## English lesson 1

Read a fictional (story) book for at least 20 minutes. You can read to a grown up or in your head. Then complete the following tasks:

Write a summary of what you have read.

Write a prediction about what might happen in the next chapter.

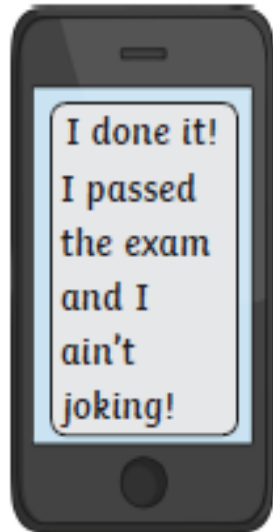
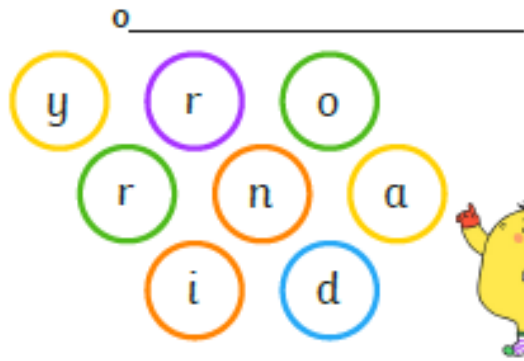
Draw what you think the main character looks like.

# English lesson 2

Complete the SPAG activities.

Mr Whoops has been juggling with the letters from one of his Y4 spelling words. Can you spot what it is?

f



Re-write this text message using Standard English.

a

I done it!  
I passed  
the exam  
and I  
ain't  
joking!

Use 'is' and 'are' to complete these present tense sentences correctly:

d

Gary \_\_\_\_\_ always late for school.

This \_\_\_\_\_ your new classroom.

Joe and Jack \_\_\_\_\_ twins.

# English lesson 3

The circled words are spelt wrong. Change them so they are correct.

1. The three little pigs began to bild their houses.
2. I can't disside whether to have the pepperoni or ham pizza.
3. My brother thought it was too erlie to get up for school.
4. "Get into a groop of four," said my teacher.
5. Dad rode his bisikle to work.
6. The letter did not have the right adres on it.
7. Jane lives in the house oposit Harry.
8. Ben thort it was time to go to bed.

## English lesson 4


Describe the picture. Try to use a simile or metaphor in your work.





# English lesson 5

Read the text and answer the questions.



## Daily News

3<sup>rd</sup> March 2020  
Environment UK News

### Peak Plastic




Photo: Mount Snowdon.

- [What are microplastics?](#)
- [Why are single-use plastics a problem?](#)
- [What is Snowdon?](#)
- [How are people taking action to tackle plastic pollution?](#)


There are tiny plastics on a UK mountain. Scientists found them in a lake on Snowdon. It's the highest mountain in Wales. Snowdon is in a national park. It's a place where wildlife is [protected](#).

A scientist says it's "likely" they came in the rain. They also say it's surprising to find plastic in a [remote](#) place! Microplastics are tiny pieces of plastic. They are less than 5mm. These plastics often break off from larger pieces.

So what is the problem with some plastics? Plastic is not always [biodegradable](#). It takes hundreds of years to break down. A lot of it ends up in our oceans. Here, some animals can think it's food. Wildlife group WWF says it can kill thousands of animals.

People, though, want to make a change. Next month, the UK will ban cotton buds and plastic straws. There are some [exemptions](#).

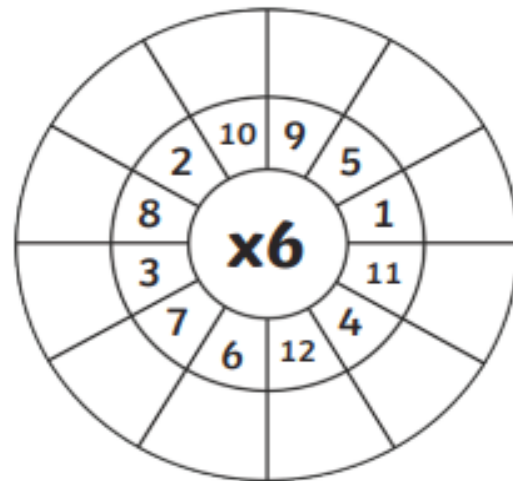
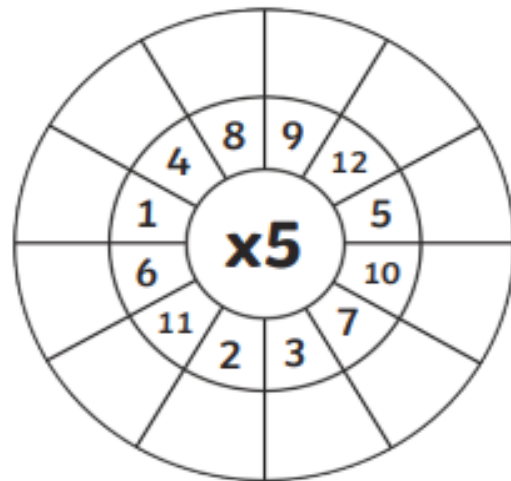
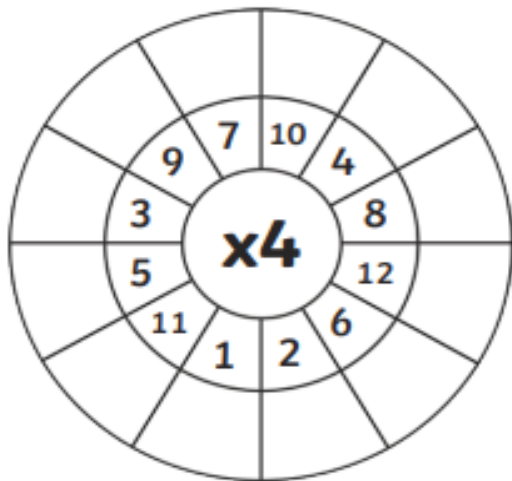
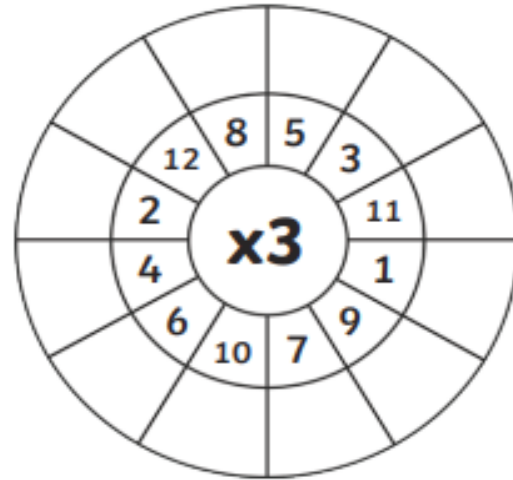
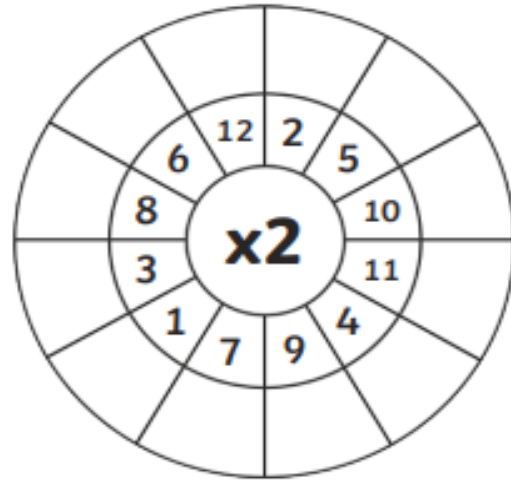
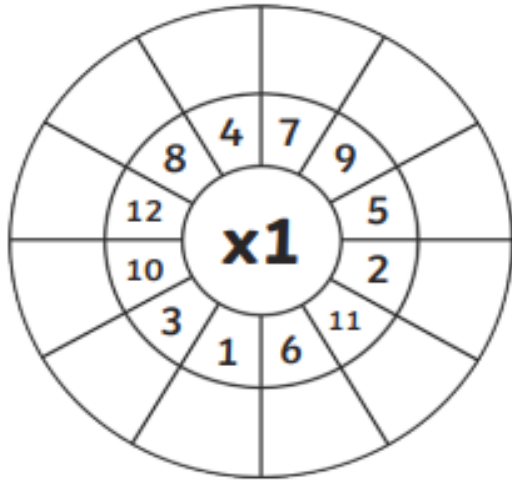
Read the full article online [here](#).



Click here to complete the 60-second read.

# Maths lesson 1

Multiply the numbers by the middle number.



# Maths lesson 2 - Measure

Take a minute to think about what we measure and why.

Talk to someone at home about this too.

Finally, write a list of all the things in your house that you could measure and which measurement you would use.

E.g table – cm  
Fruit cake - g

Now watch this video, to see if you considered if people measure any of these.

<https://www.youtube.com/watch?v=zsv7bYSrzMU>

(Youtube – Math for Kids: Measurement ‘How do you measure up?’)



# Maths lesson 3 - converting measures

Watch the following videos about converting measures, then convert the measures on the next slide.

## **Converting kilometres (km) to metres (m)**

<https://www.youtube.com/watch?v=ybc2QAtsLw4>

(Youtube – converting lengths (metres and kilometres))

## **Converting metres (m) to centimetres (cm)**

<https://www.youtube.com/watch?v=kTrBnuultTg>

(Youtube – converting metres to centimetres)

## **Converting hours (hr) to minutes (mins)**

[https://www.youtube.com/watch?time\\_continue=64&v=CH-A9E\\_zwu8&feature=emb\\_logo](https://www.youtube.com/watch?time_continue=64&v=CH-A9E_zwu8&feature=emb_logo)

(Youtube – converting units of time (hours to minutes))

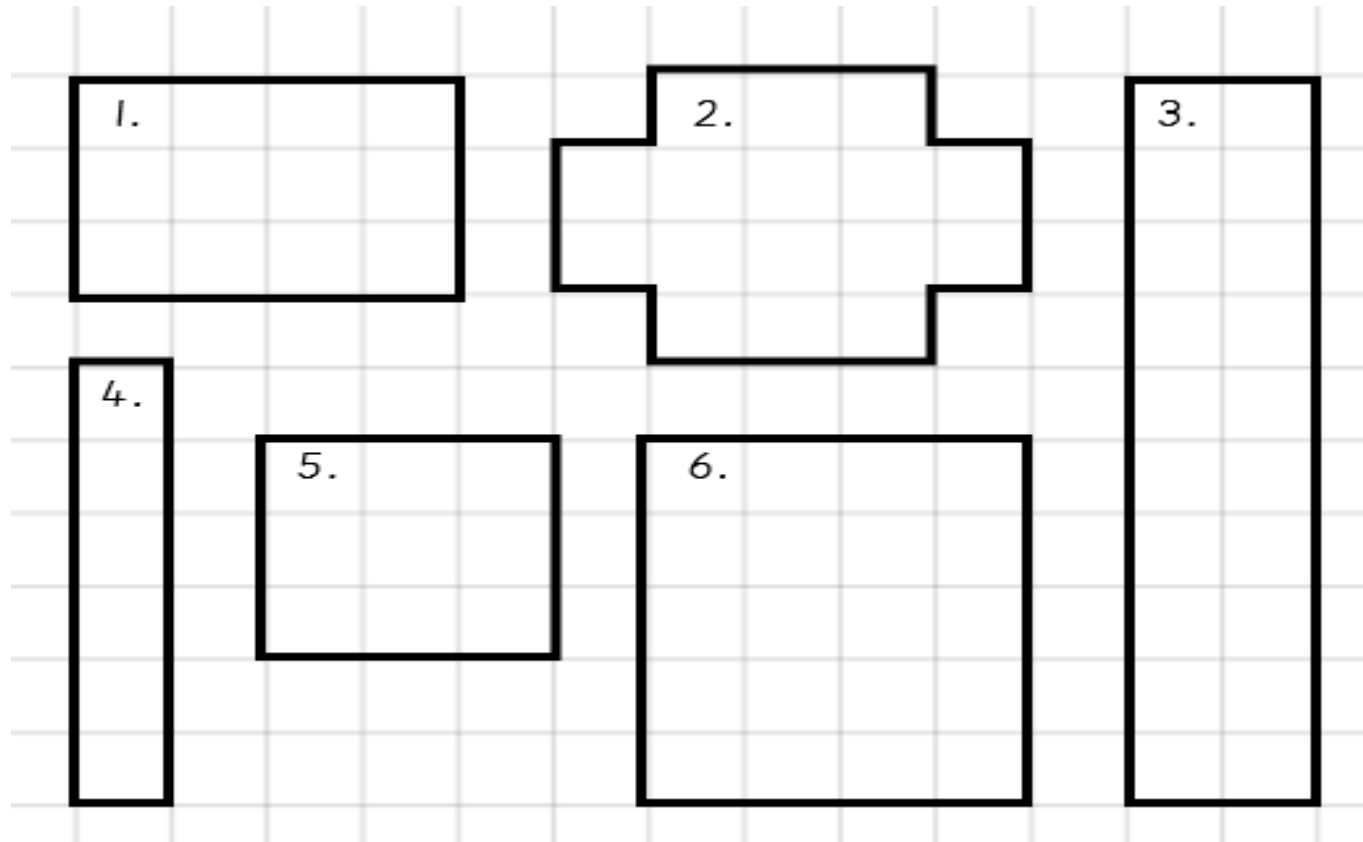
# Maths lesson 3 continued

1. Bob went for a walk in the lovely sunshine. His phone told him that he had walked 3.2km. But he wanted to know his distance in metres. So how many m did Bob walk?
2. Convert 4200m to km.
3. Stacey and Nick want to replace the fence in their back garden. They measured the garden and found out that they needed 9m of fence panels. But at B & Q the fence panels are in cm. Convert their 9m measurement to cm for them.
4. Convert 620cm to m.
5. Sally went for a run in her local park. She was more interested in the time it took her than how far she ran. At the end of the run her stopwatch told her that she had been running for 104 minutes. Convert this to hours and minutes.
6. Convert 5 hours and 28 minutes to minutes only.

# Maths lesson 4 - area

In Mathematics the term 'area' is the space taken up by the shape.

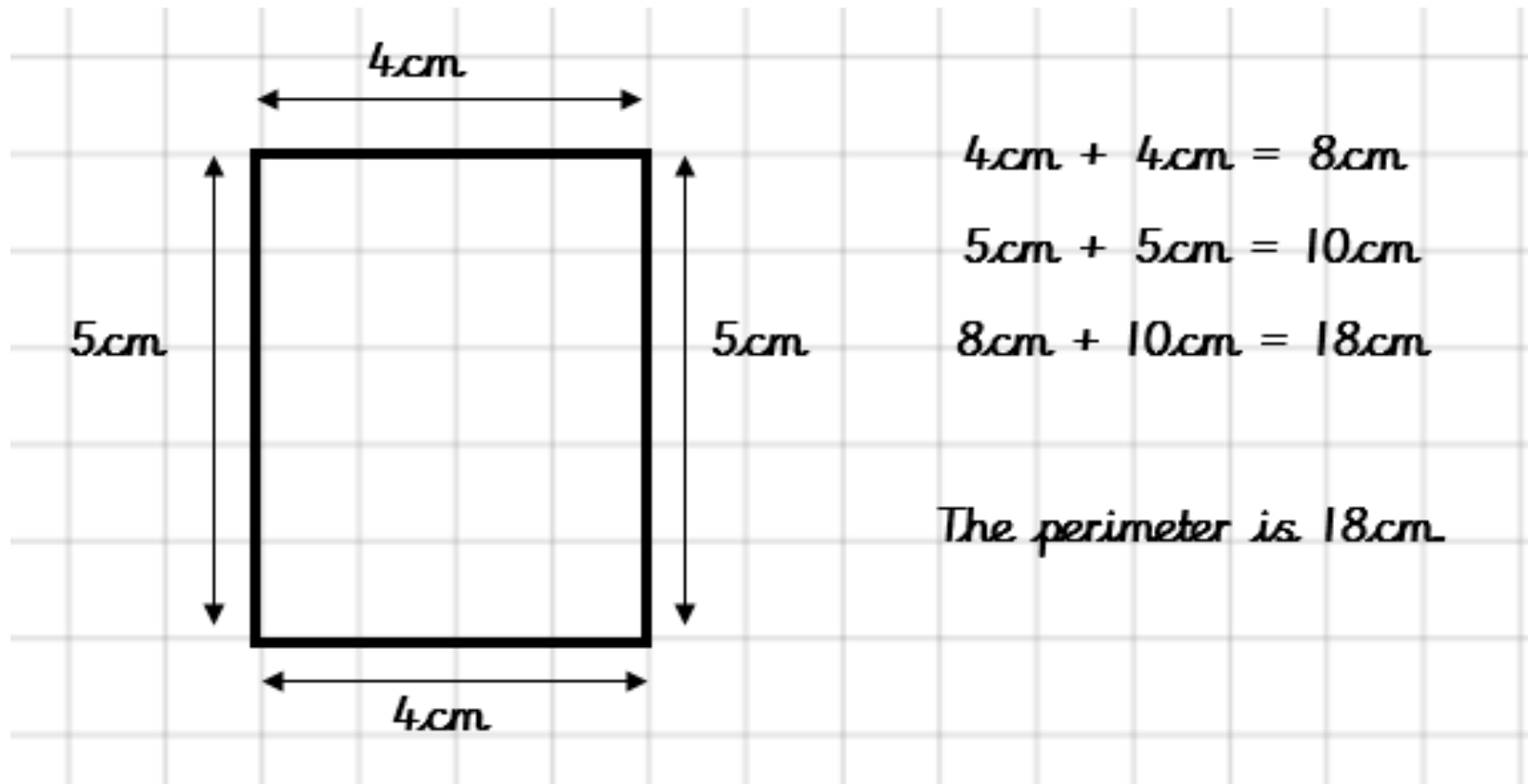
We refer to the area covered as centimetres squared ( $\text{cm}^2$ ), so one of the methods that we can use to find the area is to count the squares within the shape. Try it for the rectilinear shapes below.



# Maths lesson 5 - perimeter

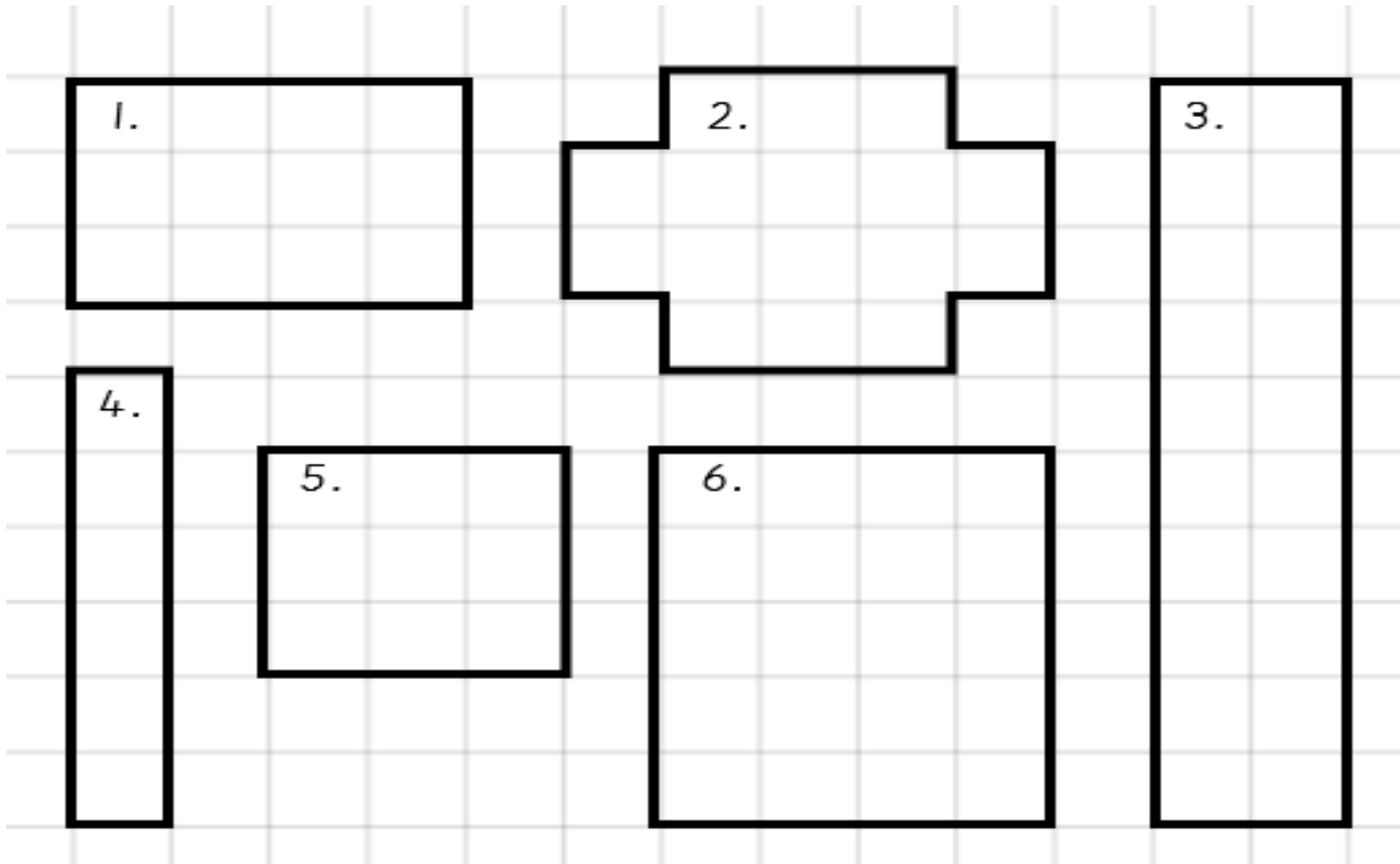
In Mathematics the term 'perimeter' is the length of all the outside edges of a shape added together.

Look at the example below, then find the perimeter of the shapes on the next slide.



# Maths lesson 5 continued

Find the perimeter of the shapes below.





# Topic lesson 1

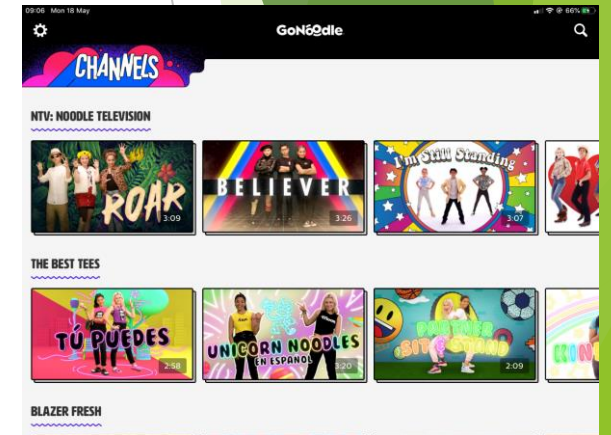
## Wellbeing

Click on : <https://app.gonoodle.com> or you could download the Go Noodle app on your phone or tablet. There are lots of cool things to do that will make you feel good.

Your task is to try at least **one** of the following activities from Go Noodle

- 1: Go to Fresh Start Fitness and try a fitness video.
- 2: Learn one of the dance routines on NTV channel.
- 3: Try a Yoga session to open-up the mind and feel empowered on Empower Tools.

You will feel amazing after you have completed one of these activities.  
Try to do a video at least three times a week or whenever you are feeling down, to lift you up.



## Topic lesson 2

# World Environment Day/ Friday 5th June

World Environment Day 2020 calls for urgent action to protect biodiversity.

**Biodiversity** describes the variety of life on Earth. It encompasses the 8 million species on the planet\_ from plants and animals to fungi and bacteria; the ecosystems that house them; and the genetic diversity among them.

**Task: Find out about an endangered species and find out how we can help protect them. Produce a poster to inform people about this. We'd love to see your creations on Twitter.**



[This Photo](#) by Unknown author is licensed under [CC BY-SA-NC](#).

# Answers

## ▶ English lesson 2

F = ordinary

A = I did it! I passed the exam and I'm not joking.

D = is, is, are

## ➤ English lesson 3

Build, decide, early, group, bicycle, address, opposite, thought

## ➤ English lesson 5

Micro plastics are tiny pieces of plastic.

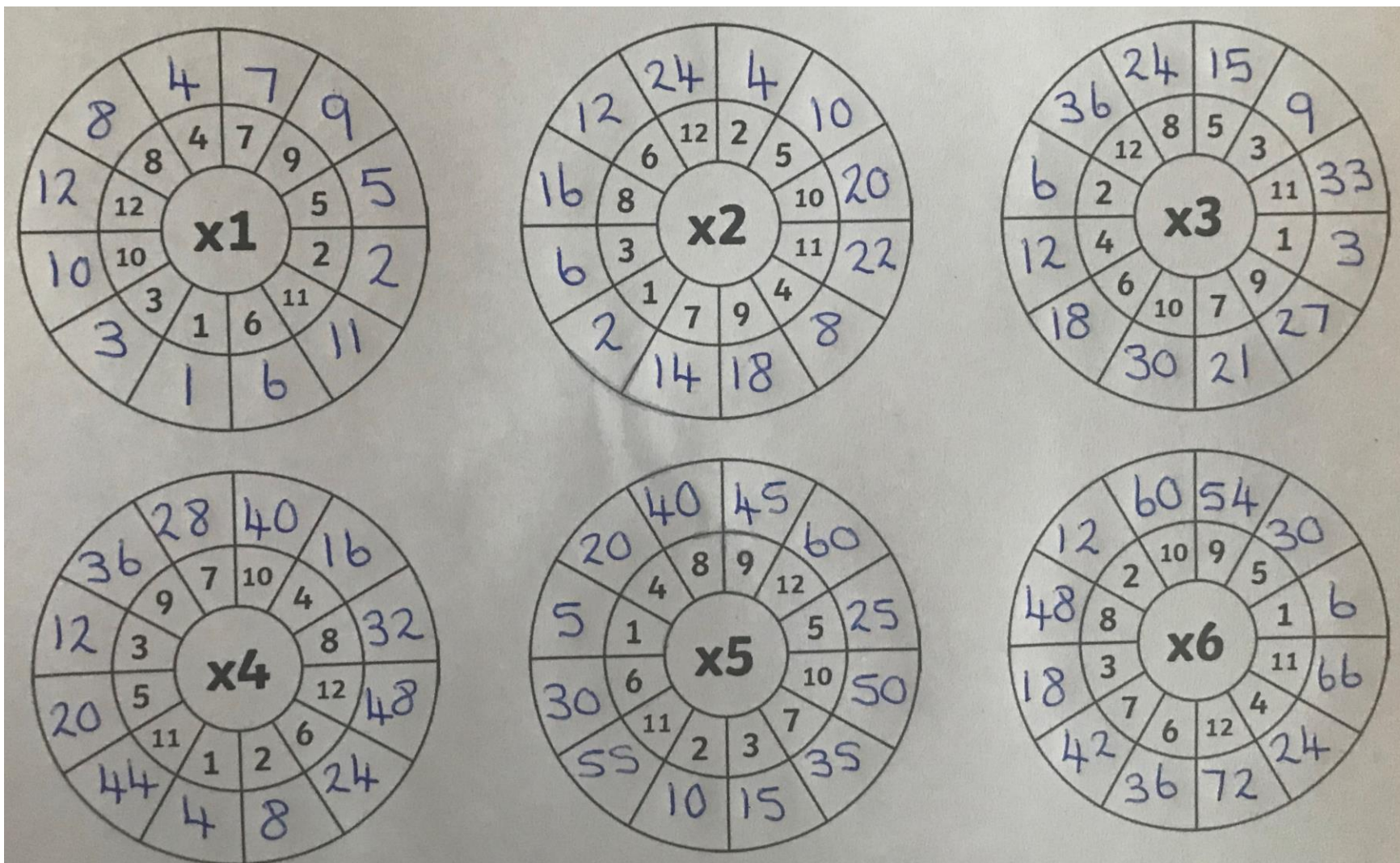
Single use plastics are a problem because plastic is not always biodegradable. It is wasteful to use materials like this only once.

Snowdon is the highest mountain in Wales (also accept a national park).

The UK is banning plastic straws and cotton buds.

# Answers

## ► Mathematics lesson 1





# Answers

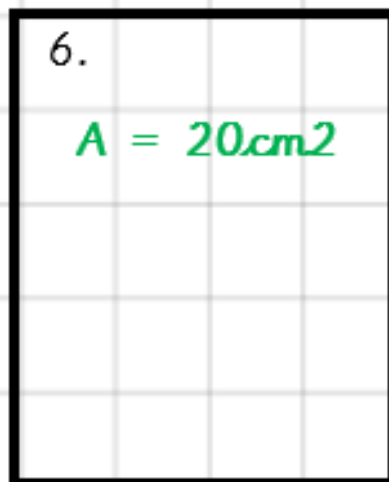
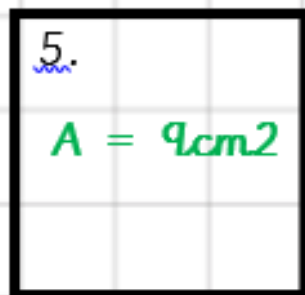
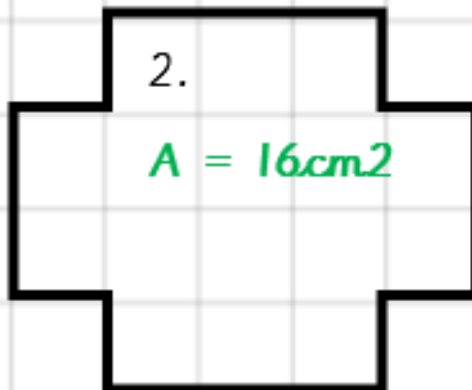
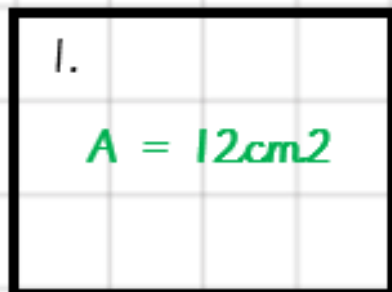
## ► Mathematics lesson 3

1. Bob went for a walk in the lovely sunshine. His phone told him that he had walked 3.2km. But he wanted to know his distance in metres. So how many m did Bob walk? **3,200m**
2. Convert 4200m to km. **4.2km**
3. Stacey and Nick want to replace the fence in their back garden. They measured the garden and found out that they needed 9m of fence panels. But at B & Q the fence panels are in cm. Convert their 9m measurement to cm for them. **900cm**
4. Convert 620cm to m. **6.2m**
5. Sally went for a run in her local park. She was more interested in the time it took her than how far she ran. At the end of the run her stopwatch told her that she had been running for 104 minutes. Convert this to hours and minutes. **1 hour and 34 minutes.**
6. Convert 5 hours and 28 minutes to minutes only. **328 minutes**



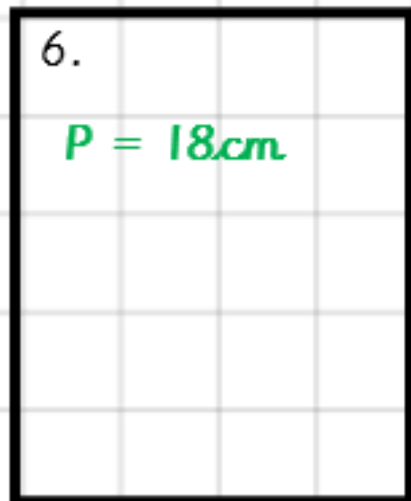
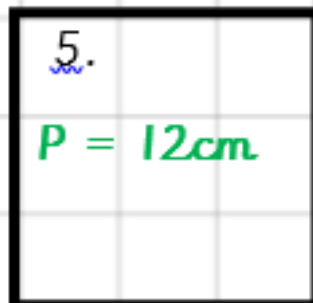
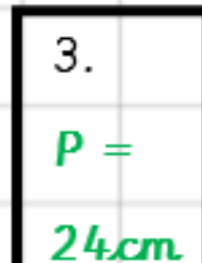
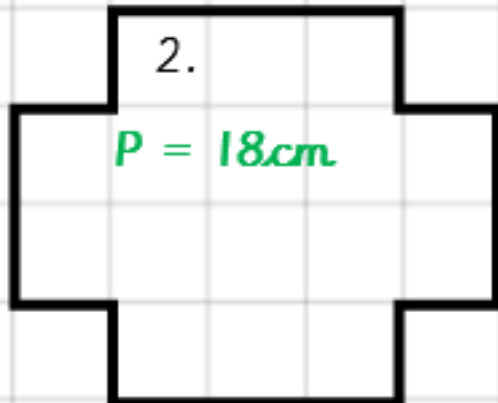
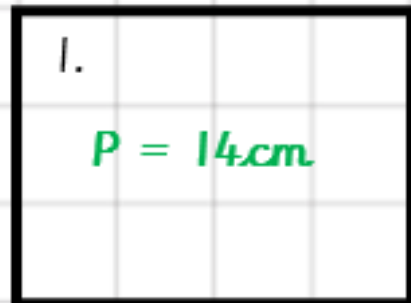
# Answers

► Mathematics lesson 4



# Answers

## ► Mathematics lesson 5



# Additional resource links

## Spellings

<https://spellingframe.co.uk/>

## Maths – times tables

<https://trockstars.com/>

## Maths – times tables

<https://mathsframe.co.uk/en/resources/resource/477/Multiplication-Tables-Check>

## Healthy Living (Food and Physical Activities)

<https://www.nhs.uk/change4life>