



BROOKE &
MARSHLAND
FEDERATION

Year 4 Home Learning

Theme: The Journey

Summer Term Week 2

English lesson 1

Read a fiction (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.

Describe the setting of the book – you could draw the setting if you want.

English lesson 2

Complete the SPAG activities.

a
Add the correct pronoun to the sentence:

Rita loved walking on the beach because _____ loved to explore in the caves.



b
Look at the pairs of words within the brackets. Circle the correct word to fit the sentence:

(They/There) was a sudden rainstorm so the children ran inside for (their/there) coats.

e
Change these adjectives into adverbs. The first one is done for you.

happy – happily

sleepy – _____

messy – _____

f
Underline the fronted adverbial in this sentence:

With much enthusiasm, the children made a gigantic sandcastle.



English lesson 3

Practice the following spelling words. When you think you are ready, correct his spelling mistakes on the next slide.

favourite

remember

different

special

potatoes

promise

although

famous

disappear

accidentally

caught

woman



Thanks for your help! I'll get practising these words if only I could find where I'd left my pencil!

My favorite day of the week has always been a Sunday. Even as a young boy, I remember Sundays being different and special. Most weeks, I would visit Granny Whoops' house, where we would have roast beef, mashed potatoes and Yorkshire puddings. Although she was famous for her huge portions, I would make every last mouthful disappear. One Sunday lunchtime, I accidentally tripped while carrying my plate. Luckily, Granny caught it but got covered in gravy! From then on, Granny made me promise never to walk around with crockery ever again. She's such an over-cautious woman!

English lesson 4

Write a summer themed recipe. List the ingredients, write the instructions and then draw a picture of how it should look.



English lesson 5

Read the information about Egyptian dentists, then answer the questions on the next slide.

Ancient Egyptian Dentists

Not everyone enjoys a visit to the dentist but imagine you lived 3000-5000 years ago during the age of the ancient Egyptians. Treating toothache was handled slightly differently than it is today...



Dentist! Dentist!

Here's what an Ancient Egyptian dentist might say:

"Toothache? Let's have a look... Ah yes, you've got mouth worms."

"What? Never heard of mouth worms? They're the cause of all tooth decay!"

"Need something to take the pain away? Dangle a dead mouse on your tooth. That should do the trick!"

"Still aches? Hmm... well, try praying to the Gods, and if that doesn't work stop being naughty because that's probably what's caused the problem in the first place!"

Dental Hygiene

Toothpaste – this could be a mixture of egg shells and horses' hooves, or sometimes a delicate blend of crushed rocks, mint, salt, pepper and dried iris flowers!

Mouthwash – bran and celery.

Antiseptic paste – incense and onion.

Pain relief – opium (an illegal drug today!).

Main Problems

- **Poor diet!** Egyptians didn't eat enough vitamins and minerals to keep their teeth and gums healthy!
- **Gritty bread!** A lot of sand and grit found their way into Egyptian food – especially bread. This wore down the enamel in people's teeth.
- **No money!** Lots of people couldn't afford to see a dentist so their teeth simply fell out!

Now answer these questions.



1. According to the ancient Egyptians, what do mouth worms cause?



2. Imagine you were an ancient Egyptian dentist. Using the text, what two things could you suggest if someone had toothache?



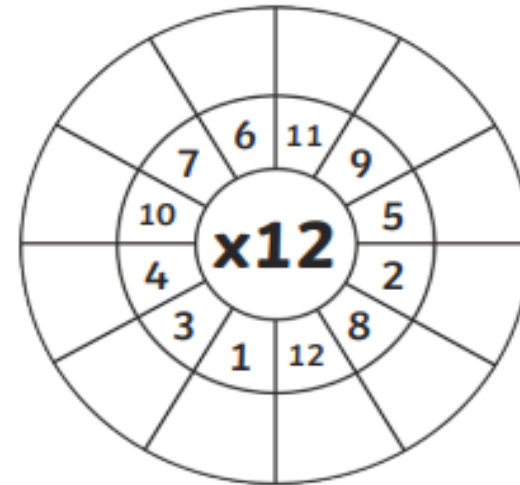
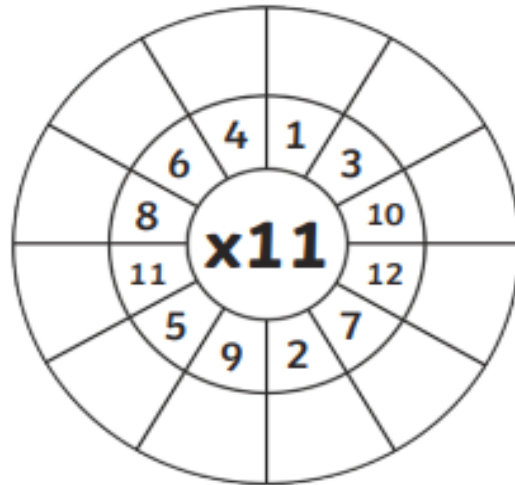
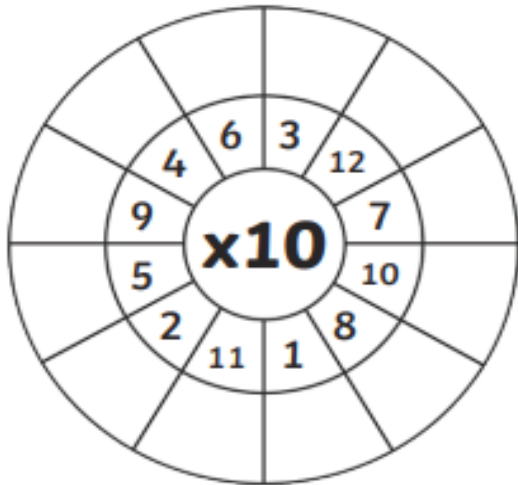
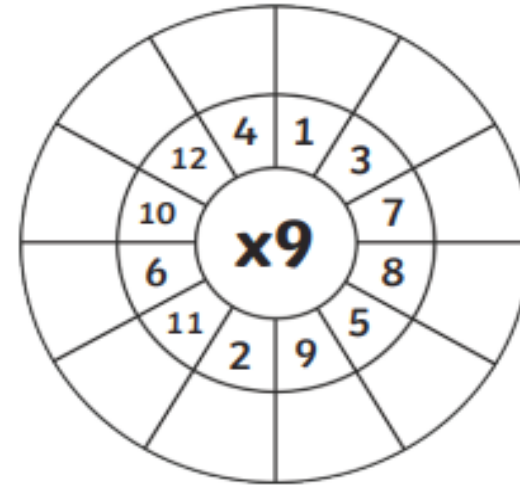
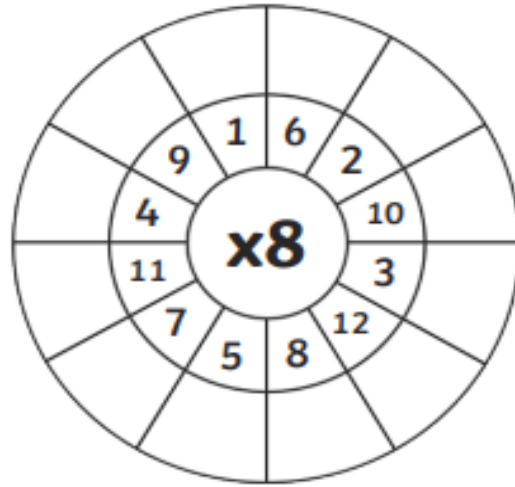
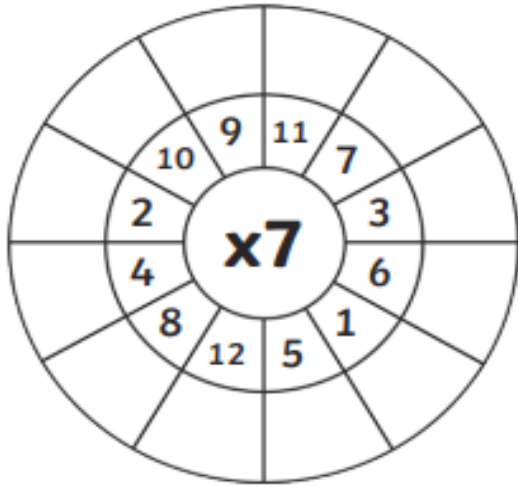
3. Look at the ingredients for toothpaste. Why might some of these ingredients be bad for keeping your teeth and gums healthy?



4. Look at the main problems section. Pretend you are Pharaoh and come up with one way to improve the health of people's teeth:

Maths lesson 1

Multiply the numbers by the middle number.



Maths lesson 2- acute and obtuse angles

Watch the video link below to find out what acute and obtuse angles are.

<https://www.youtube.com/watch?v=NVuMULQjb3o>

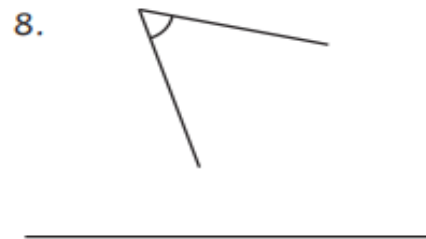
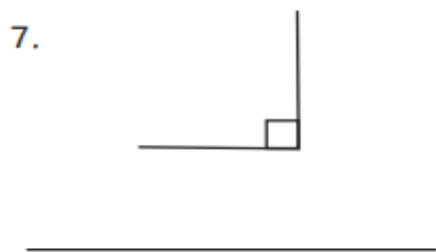
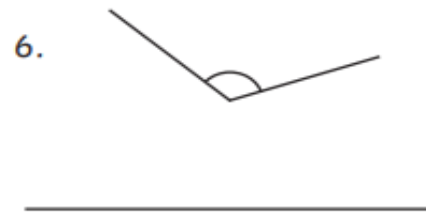
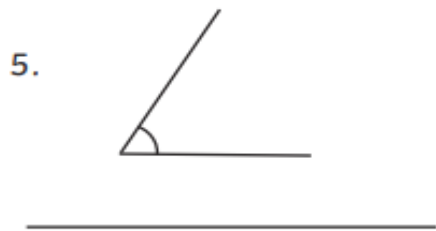
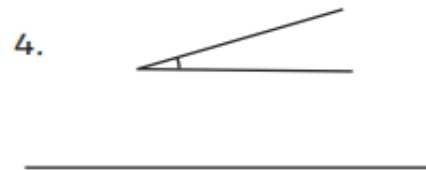
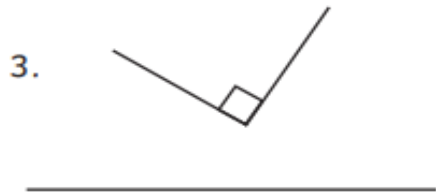
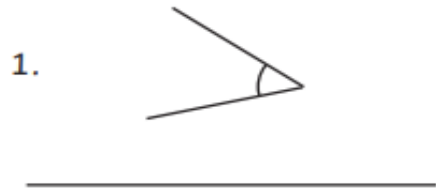
(You tube: Angles song – acute, obtuse and right angles)

If you cannot remember the song, you might be able to remember that if the angle is small and cute it is acute, but if it is larger than 90o it is large and obtuse.

Using the shapes on the next slide and what you know about angles, decide if the angles are right angles, acute or obtuse.

Maths lesson 2- continued

Using the shapes below decide if the angles are right angles, acute or obtuse.



Maths lesson 3 - lines of symmetry

Watch the video link below to find out about lines of symmetry.

<https://www.youtube.com/watch?v=SJlhywRfvh8>

(You tube: Symmetry song for kids – A day at symmetry land – lines of symmetry)

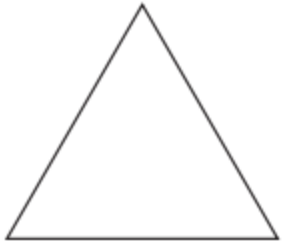
So a line of symmetry is an invisible line that goes through the middle of a shape or object so that it can be divided into equal halves.

Remember that some shapes don't have any lines of symmetry, some have one line and some have more.

To help you decide how many lines of symmetry each shape has on the next slide, you might want to draw each shape on a piece of paper, cut them out and fold them in half at different points.

Maths lesson 3 - continued

To help you decide how many lines of symmetry each shape has you might want to draw each shape on a piece of paper, cut them out and fold them in half at different points.



Name _____

Sides _____

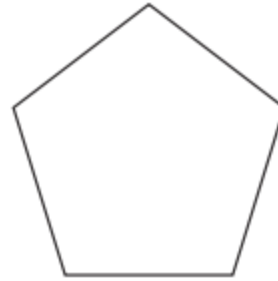
Lines of Symmetry ____



Name _____

Sides _____

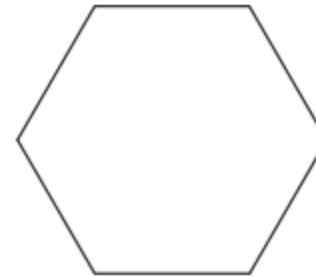
Lines of Symmetry ____



Name _____

Sides _____

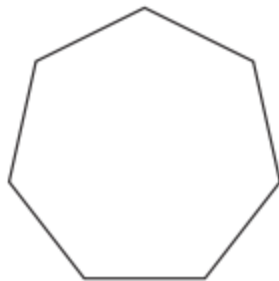
Lines of Symmetry ____



Name _____

Sides _____

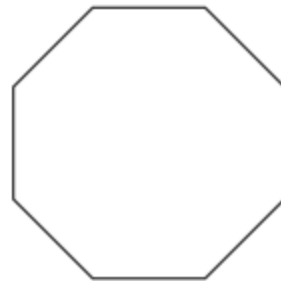
Lines of Symmetry ____



Name _____

Sides _____

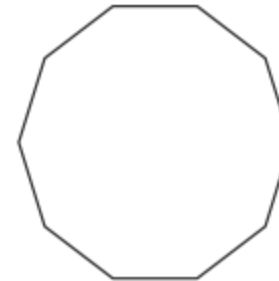
Lines of Symmetry ____



Name _____

Sides _____

Lines of Symmetry ____



Name _____

Sides _____

Lines of Symmetry ____

Maths lesson 4 - co-ordinates

We know it's been a while since anyone has been to Meadowhall, but have you ever picked up a map at Meadowhall and found that it has letters across the bottom and numbers on the side? Or have you been in a car with someone who has used a map with letters across the bottom and numbers up the side?

These maps also have squares on them and we call this a grid, the letters, numbers and squares help us to locate something.

Watch the following video to begin to find out how to use a map.

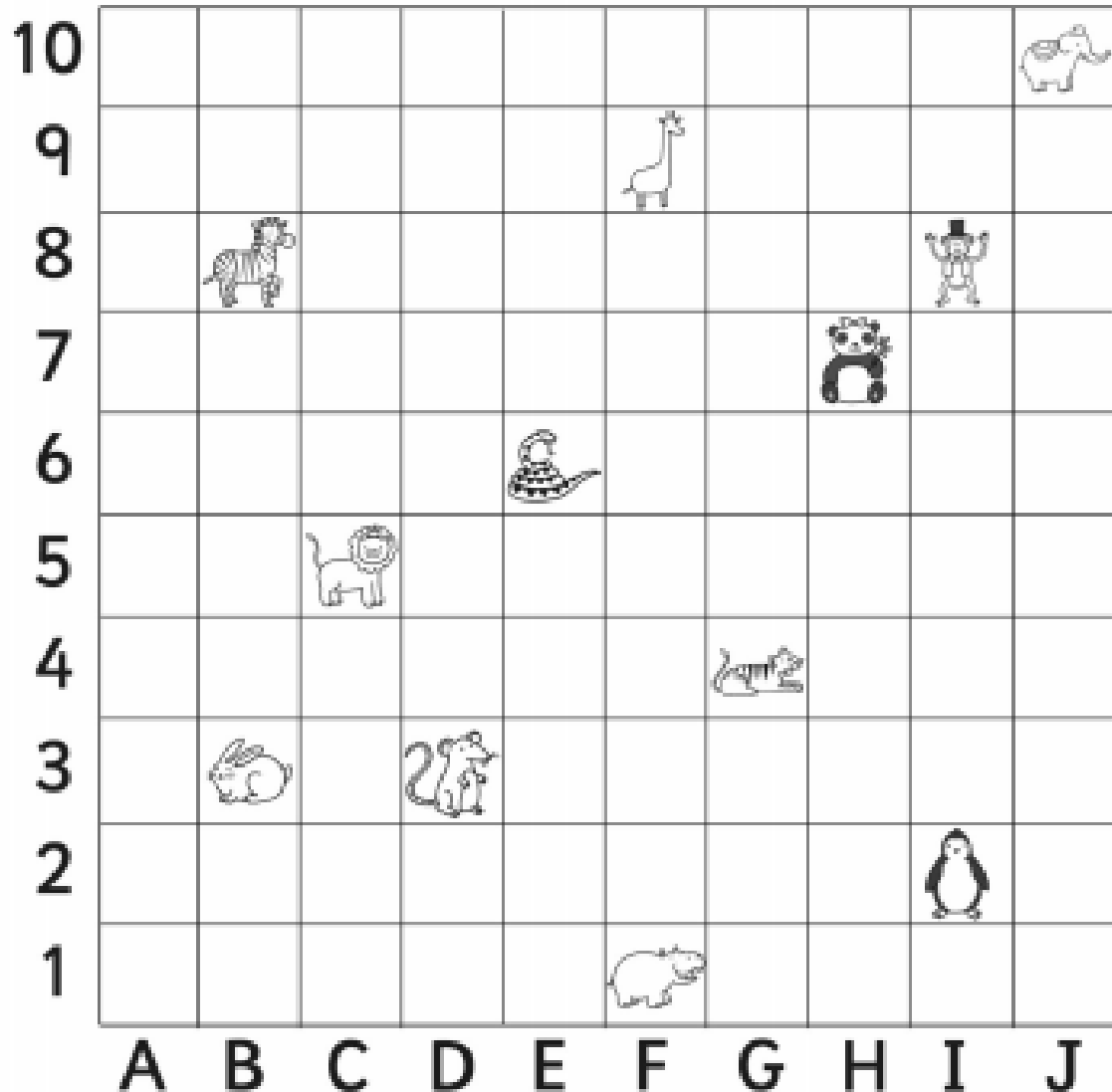
<https://www.youtube.com/watch?v=xF7YAwG3Q8s>

(You tube: Year 4 – Grid co-ordinates)

To help you remember to find the letter first you could remember the following phrase: **across the floor and up the stairs.**

Now have a go writing the co-ordinates for each animal on the map of the zoo on the next slide.

Maths lesson 4 - continued



Remember to go: across the floor and up the stairs.

Write the coordinates of each animal.

Zebra _____

Mouse _____

Tiger _____

Hippo _____

Panda _____

Snake _____

Lion _____

Monkey _____

Giraffe _____

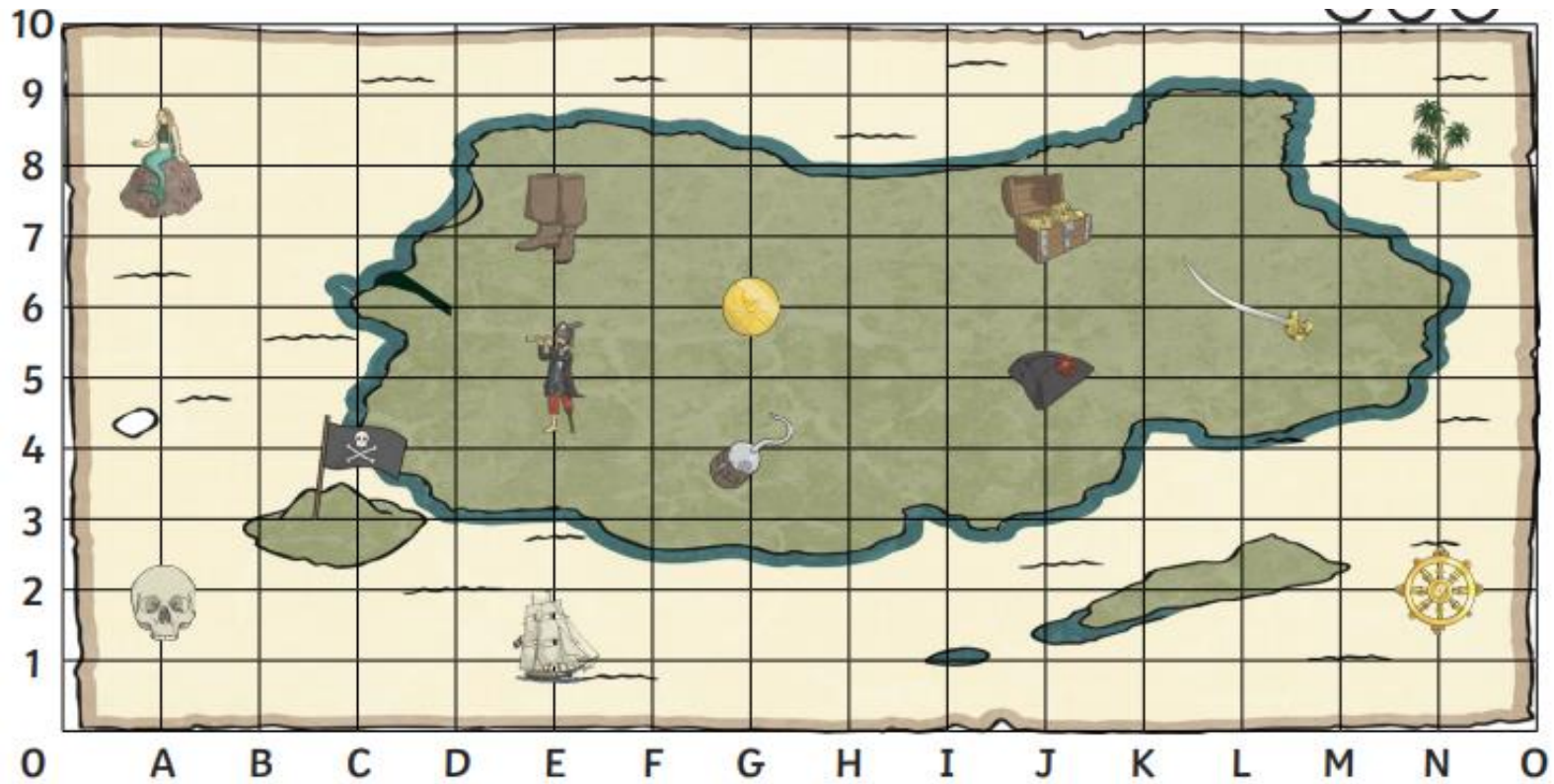
Penguin _____

Elephant _____

Rabbit _____

Maths lesson 5 - co-ordinates

Ahoy! Now that you know how to read a map, today's map reading task involves finding what is at each co-ordinate, as well as finding the co-ordinates. Good luck me hearties!



What is at these coordinates on the pirate map?

(E,5) = _____






(G,6) = _____

(L,6) = _____

(J,7) = _____

(A,8) = _____

Write the coordinate of these places on the pirate map:

	= (,)
	= (,)
	= (,)
	= (,)
	= (,)

Plot these coordinates on the grid using a cross.

(B,1)

(N,5)

(I,5)

(D,9)

(H,10)

Topic lesson 1

Wellbeing:



Positivity Jar

Write down positive thoughts about yourself on slips of paper and pop them in a jar or a tub.

Pull a slip out every day, to remind yourself how awesome you are!

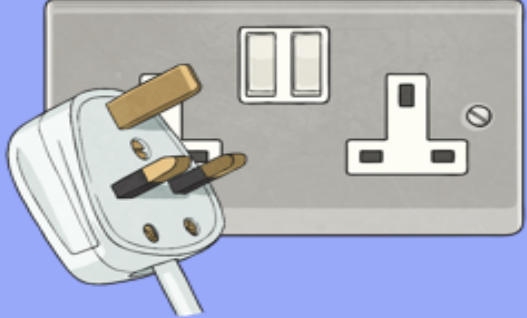
I am funny! I am kind! I am brave!




Topic lesson 2: Science

What is Electricity?

There are two types of electrical current that we use to power appliances:



Mains electricity: which is an alternating current (AC).



Click to add text

Batteries: which generate a direct current (DC).

Watch short videos on YouTube about Electricity. Search: What is electricity for kids?

Carry out a survey around your house. How many appliances in your house operate on mains electricity? How many appliances in your house run on a direct current from batteries?

Answers

► English lesson 2

A = she

B = there was a sudden rainstorm. The children ran in for their coats.

E = sleepily, messily

F = the fronted adverbial is **with much enthusiasm**.

➤ English lesson 5

1. Mouth worms could cause toothache.

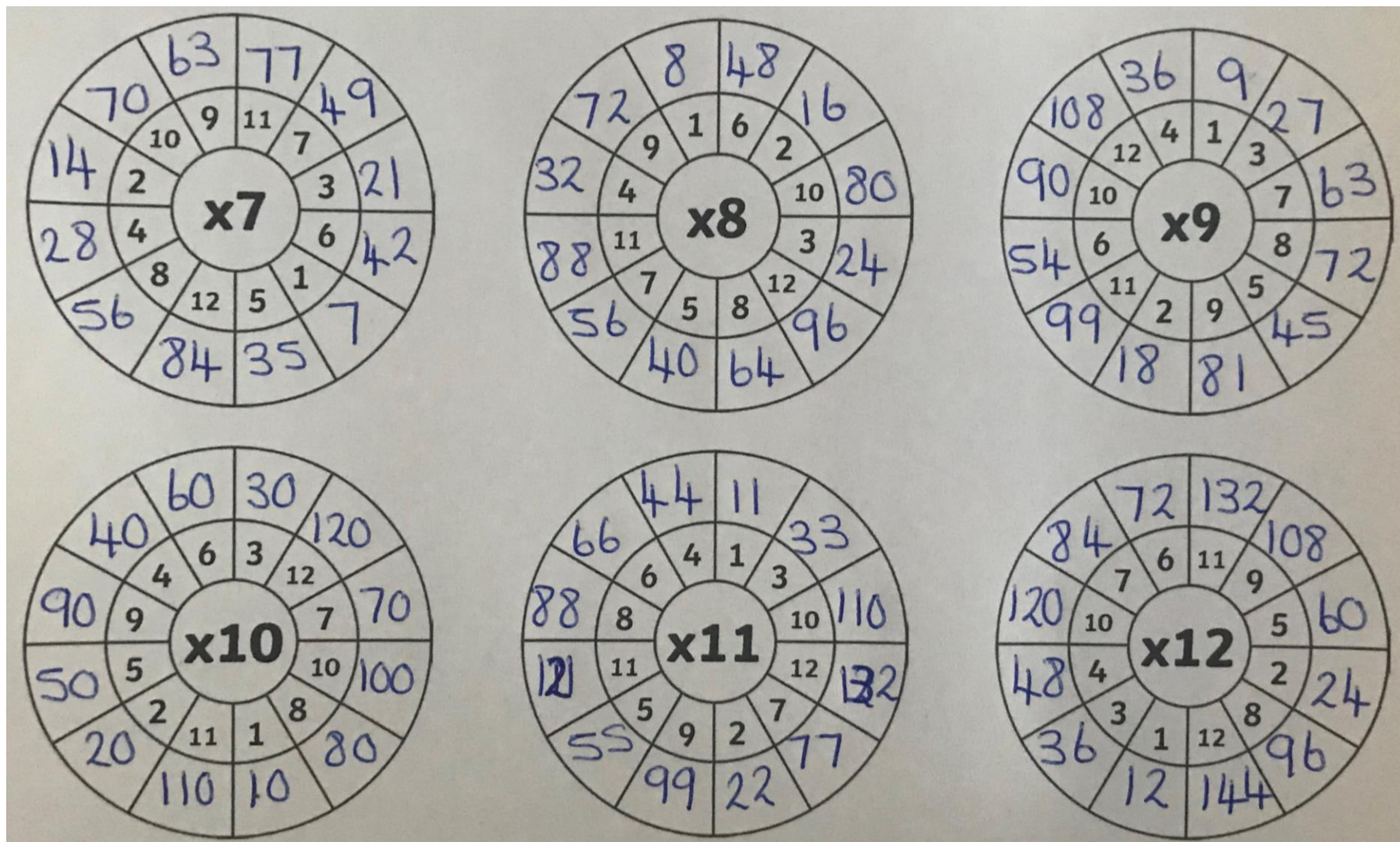
2. 2 cures could be to dangle a dead mouse the tooth or to pray.

3. The ingredients are bad because they wouldn't help keep teeth healthy. In fact, many would be the source of fresh bacteria, e.g. horses hooves.

4. If I were pharaoh I would try to improve the diet of my people so they would be healthier in general.

Answers

► Mathematics lesson 1



Answers

► Mathematics lesson 2

1.



_____ *acute*

2.



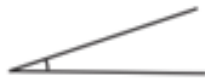
_____ *obtuse*

3.



— *right angle*

4.



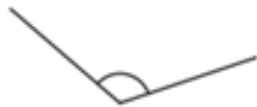
_____ *acute*

5.



_____ *acute*

6.



_____ *obtuse*

7.



— *right angle*

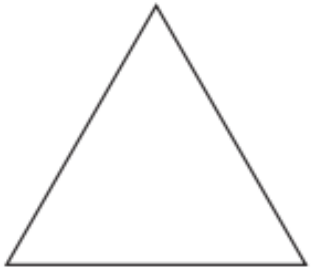
8.



_____ *acute*

Answers

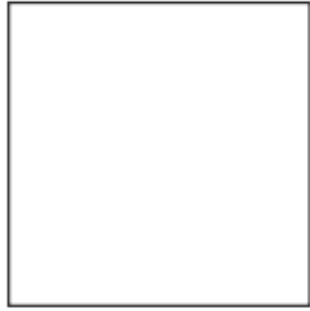
► Mathematics lesson 3



Name triangle (equilateral)

Sides 3

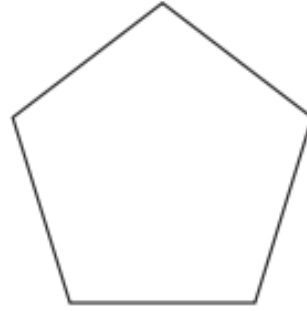
Lines of Symmetry 3



Name square

Sides 4

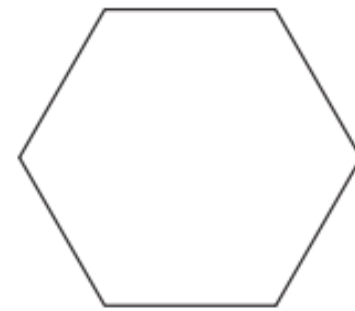
Lines of Symmetry 4



Name pentagon

Sides 5

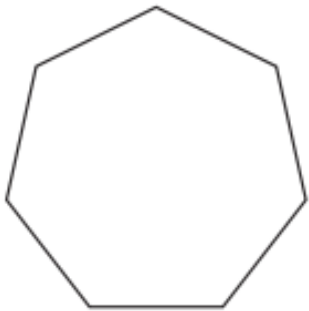
Lines of Symmetry 5



Name hexagon

Sides 6

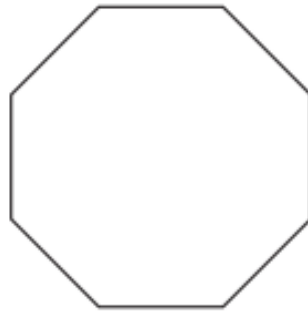
Lines of Symmetry 6



Name heptagon

Sides 7

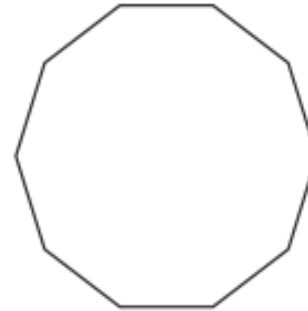
Lines of Symmetry 7



Name octagon

Sides 8

Lines of Symmetry 8



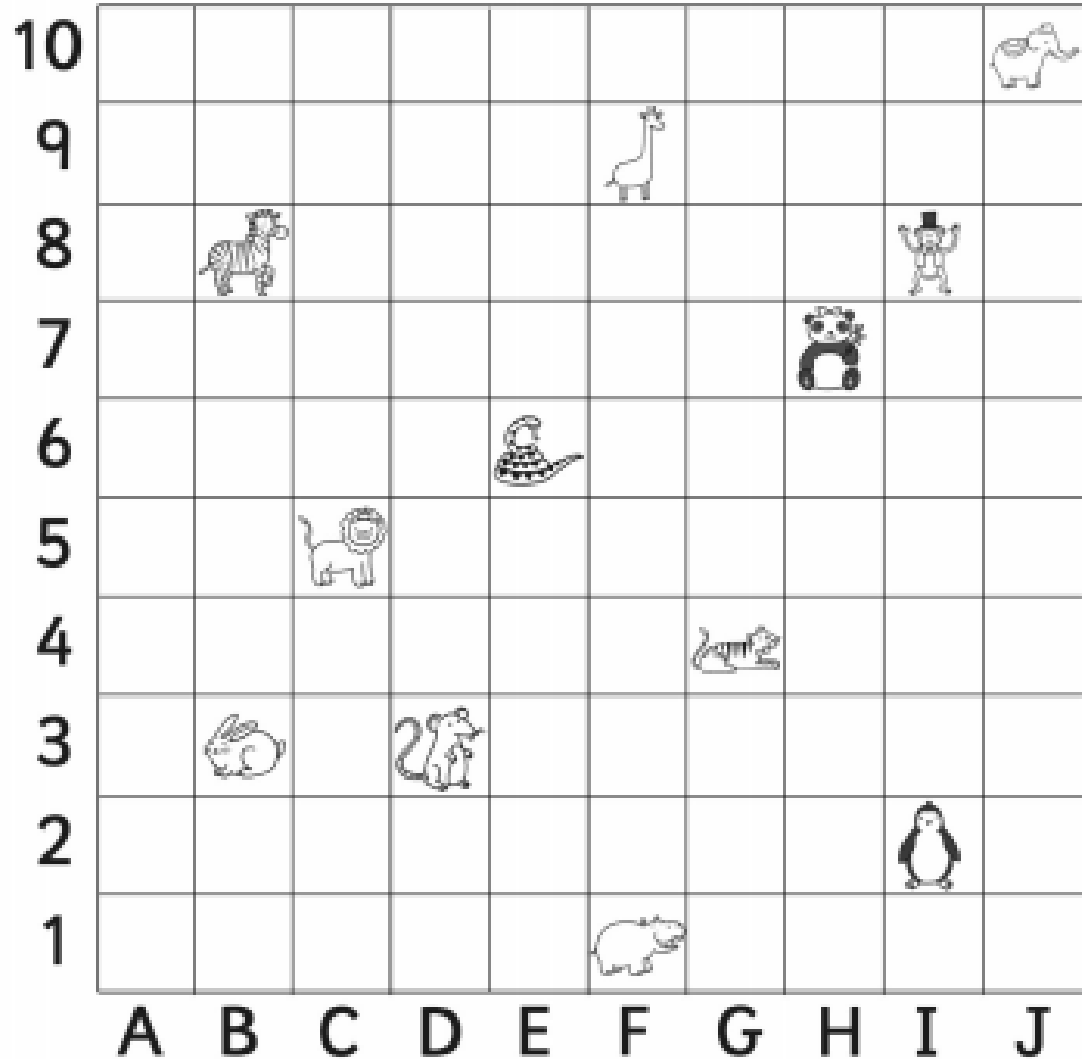
Name decagon

Sides 10

Lines of Symmetry 10

Answers

► Mathematics lesson 4



Zebra: (B, 8)

Mouse: (D, 3)

Tiger: (G, 4)

Hippo: (F, 1)

Panda: (H, 7)

Snake: (E, 6)

Lion: (C, 5)

Monkey: (I, 8)

Giraffe: (F, 9)

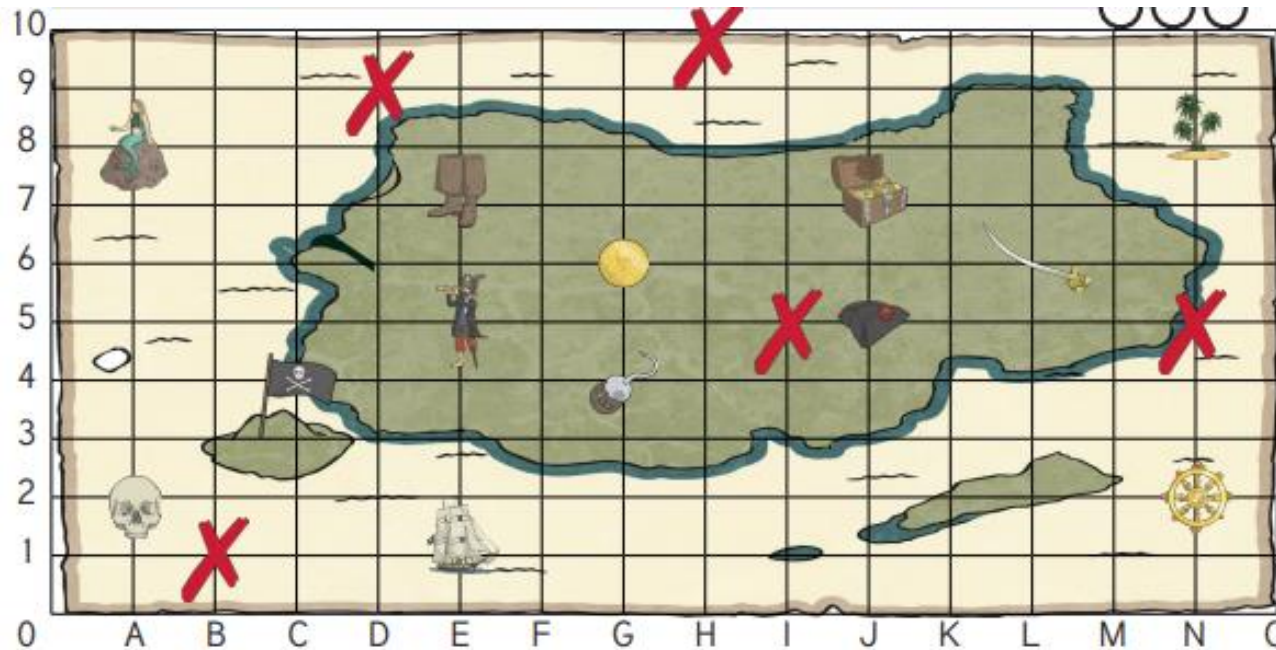
Penguin: (I, 2)

Elephant: (J, 10)

Rabbit: (B, 3)

Answers

► Mathematics lesson 5



What is at these coordinates
on the pirate map?

(E,5) = pirate


(G,6) = gold coin


(L,6) = sword


(J,7) = treasure


(A,8) = mermaid


Write the coordinate of these
places on the pirate map:

 = (**E** , **7**)

 = (**G** , **4**)

 = (**N** , **8**)

 = (**C** , **4**)

 = (**N** , **2**)

Plot these coordinates on
the grid using a cross.

(B,1)

(N,5)

(I,5)

(D,9)

(H,10)

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>