Week 6

## A



1
Write in words the number 410006.

| $\mathbf{2}$ | $375 \mathrm{~m}=\square \mathrm{km}$ |
| :--- | :--- |
| $\mathbf{3}$ | $4.355+0.45$ |
| $\mathbf{4}$ | $85 \mathrm{ml} \times 100=$ |
| $\mathbf{5}$ | (a) $7 \%$ of $£ 1.00$ |
| (b) $7 \%$ of $£ 6.00$ |  |


| $\mathbf{6}$ | $\mathbf{5}$ of 72 p |
| :---: | :--- | :--- |
| $\mathbf{7}$ | $0.875 \mathrm{~kg}=\quad \mathrm{g}$ |
| $\mathbf{8}$ | $108 \mathrm{~min}=\square \mathrm{h} \quad$ min |
| $\mathbf{9}$ | $634 \div 1000$ |
| $\mathbf{1 0}$ | $£ 0.08 \times 30$ |
| $\mathbf{1 1}$ | $5.2-0.17$ |
| $\mathbf{1 2}$ | $25 \%$ of 150 |

$p$
$\qquad$
h min
$\qquad$
£
$\qquad$
$\qquad$

B ANSWER
1 Write as a decimal the total of $10, \frac{3}{10}$ and $\frac{17}{1000 .}$
2 Find the product of 7, 9 and 5 .
3 What is the cost of 750 g at 48p per $\frac{1}{2} \mathrm{~kg}$ ?
By how many sixths is $\frac{2}{3}$ greater than $\frac{1}{2}$ ?

5

|  | A |  |  | B |  |
| :--- | :--- | :--- | :--- | :--- | :--- |

The strip is divided into 3 parts. What percentage of the whole is each part?

| A | $\%$ |
| :---: | :---: |
| B | $\%$ |
| C | $\%$ |

6
Write in g the value of the 7 in 6.875 kg . $\qquad$
Find the number of days, not counting the first, from 21st June to 7th July.

Decrease $£ 3 \cdot 50$ by $20 \%$.

```
                                £
```

Add together the largest and smallest of these numbers.
2.01, 2.11, 2.001, 2.101

By how many hundredths is 9.07 less than 10 ?
hundredths

Write (a) $£ 10 \cdot 62$ to the nearest $£$
(a) $£$
(b) $3 \ell 330 \mathrm{~m} \ell$ to the nearest $\frac{1}{2} \ell$.
(b)

Find in $\mathrm{cm}^{2}$ the area of a rectangle 15 cm long by 50 mm wide.
$\mathrm{cm}^{2}$

$\qquad$
1 A man cycled 30 km each day for a fortnight. How many km did he cycle altogether?

2 Samina paid 46p with a $£ 1$ coin and received three coins as change. Name the three coins. $\qquad$
$\qquad$ p

3 The circumference of a trundle wheel is 1 m . How many times does the wheel turn in going 0.75 km ? $\qquad$
4 y $x$
In the number 28.038 how many times is the 8 marked $x$ smaller than the 8 marked $y$ ?

53 m of wire cost $£ 3 \cdot 60$.
Find the cost of 15 m . $\qquad$
6


O is the centre of the circle.
$\angle \mathrm{OAB}$ is $56^{\circ}$
Find
(a) $\angle O B A$
(a)
$\circ$
(b) $\angle \mathrm{AOB}$
(b)。

7 A parcel has a mass of 1.8 kg .
Find the mass in g of a parcel which is two-thirds of this mass.
g

| $16.1 . ' 85$ | The dates of birth of <br> three children are <br> given. |
| :--- | :--- |
| $18.4 . ' 85$ |  |
| $17.7 . ' 84$ | given |

(a) By how many months is the oldest child older than the
youngest?
(a) months
(b) In which year will the youngest child be 35 years old?
(b)
$9 \quad 2.25$ litres of milk are poured in equal amounts into 5 glasses.
How many $\mathrm{m} \ell$ are there in each glass?
10 A line about which a shape balances is called an axis of symmetry.
Which of these shapes A, B, C or D has one axis of symmetry?


A boy received a gift of a $£ 10$ note He spent $£ 3$. What \% did he save?


Small Group Mental Maths

## Section 1 <br> Test 5



# Spellings - Week 6 



Go to the following link:
https://www.ictgames.com/mobilePage/literacy.html
Select-Look, Cover, Write, Check game


Click Yrs 5 \& 6

Click the patterns tab.


Select your word list and click on go!

Week SIX practise spelling- tious words

## Poetry Writing - Week Six

Clink on the link below:

## https://radioblogging.net/index.php/delicate-things/



|  | Use the prompts provided to <br> write you own "Delicate Things" |
| :--- | :--- |
| poem. |  |

Mrs Fuller: ffuller051@c2kni.net
Mr. Mc Carroll: amccarroll222@c2kni.net

## Art Activity

## Use the link Below:

## https://www.bbc.co.uk/programmes/p01drsq4

Or Google: BBC Two Yinka Shonibare's "Line Painting"


- Watch the film clip and then start designing!
- Can you design a pattern that shows your unique story? What makes you, you?
- In your pattern you might include something that reflects your family's history, your hobbies, your school or things that you like! The possibilities are endless!


## Don't forget to send a picture of your design to your

 teacher!1. The names of five shapes are given.
pentagon triangle
hexagon
kite
rectangle

Three of them are drawn below.

A

B

C
2.

How many sides has a hexagon?

## Draw an octagon

## Draw a kite

What is the name of shape $B$ ?
$\square$

What is the name of shape $C$ ?

© Corbettmaths 2018
2. How many sides has a hexagon?

Draw an octagon
$\square$

Draw a kite
3. Below is a list of shapes and their names.


Match each shape to the correct name.
4.
A


Which shape is a circle?

Which shape is a hexagon?
$\square$

## Which shape is a square?

$\square$

Which shape is a parallelogram?

© Corbettmaths 2018


Circle the hexagon with exactly four acute angles
7. Here are six shapes


Write the letters of the shapes that are pentagons
5.


What is the name of the shape above?

## Measure the length of the longest side

8. Here are the names of six 2-D shapes

| Pentagon | Heptagon Octagon Decagon |  |
| :--- | :--- | :--- |
| Quadrilateral | Nonagon |  |

Quadrilateral Nonagon

Arrange the shapes in order of the number of sides

Lowest number of sides $\square$
$\square$
$\square$
$\square$
$\square$
Greatest number of sides
$\square$

## (Day 2 continued) 3D Shapes (Corbett Maths) Watch video 59 and complete task

2. Here is a cube.


How many faces does a cube have?

A

B

C

## What is the name of shape $A$ ?

$\square$

What is the name of shape $B$ ?


What is the name of shape $C$ ?

© Corbettmaths 2018
3. Here is a triangular prism.


How many faces does a triangular prism have?


How many edges does a triangular prism have?


How many vertices does a triangular prism have?
$\square$
4. Here is a 3-D shape


What is the name of this 3-D shape?

5. Here is a pentagonal prism


How many faces does a pentagonal prism have?

6. Here are some 3-D shapes

Tick each shape that has more vertices than faces


Square-based pyramid


Cuboid


Triangular prism


Pentagonal pyramid $\square$
© Corbettmaths 2018
7. Chloe has drawn a 3-D shape.

Her shape has 5 vertices.
It has 8 edges.
It has 5 faces.

What 3-D shape has Chloe drawn?
$\square$
8. Edward has drawn a 3-D shape.

His shape has 6 vertices.
It has 9 edges.
It has 5 faces.

What 3-D shape has Edward drawn?


## Palm Oil

## What is Palm Oil?

Palm oil is a vegetable oil made from the fruit of the oil palm tree. About the size of a large olive, the fruit (which contains 30-35\% oil) contains a single seed. The palm tree is a tropical plant that grows mostly in countries around the equator as it grows best in hot, humid conditions. Palm oil is not a new product and has been used for many years. However, the use of palm oil has increased in recent years and it is believed that over half of the products for sale in the supermarket contain it. Although it is an efficient
 source of vegetable oil, its popularity and recent growth in production is threatening the environment and already vulnerable wildlife.


## Sustainability

We do not need to stop buying products that contain palm oil. In fact, this could prove almost impossible. However, there are a few steps that we can all take in order to limit the social and environmental costs and impact of the palm oil industry.

In 2014, the Roundtable on Sustainable Palm Oil (RSPO) was set up in order to make the production of palm oil as sustainable as possible. Members of the RSPO produce palm oil according to certain agreements and standards, thereby limiting the environmental impact whilst continuing to meet the world's growing demands.

## Did You Know...?

Take a trip to the supermarket and you'll find it hard to pick up a product that does not contain palm oil. It is used to make pizza, margarine and ice-cream as well non-edible items such as washing detergent, conditioner and soap.

## Interesting Fact

One desirable aspect of palm oil is that it does not melt at high temperatures. It is therefore an ideal ingredient to be used in products that are required to keep their shape and form in hot conditions. As a result, palm oil is widely found in lipsticks, chocolate and biscuits, all of which would melt easily without it.

## What Can We Do?

If everyone makes a few small changes, the increasing demand for palm oil can be met but the impact on the environment can be limited. When shopping, look out for one of the following on the items that you buy:


The RSPO label - this means that the palm oil in the product was produced in a socially and environmentally responsible way.

The Green Palm label - proceeds to the Green Label organisation help growers to make the transition to producing palm oil in a sustainable way.

## Questions

1. Palm oil trees grow best in...Tick one
O hot, dry conditions
O cold, wet conditions
O hot, humid conditions
○ warm, sunny conditions
2. Find and copy a word which means defenceless.
$\qquad$
3. How do Indonesia and Malaysia depend on the palm oil industry. Explain your answer fully.
$\qquad$
$\qquad$
$\qquad$
4. Explain in your own words what deforestation is.
$\qquad$
$\qquad$
$\qquad$
5. Fill in the missing words in the sentence below:

As forests are $\qquad$ to make room for more palm oil trees, tribal are forced from their homes.
6. Explain in your own words why palm oil is a good product to use in chocolate.
$\qquad$
$\qquad$
$\qquad$
7. In which year did the Roundtable on Sustainable Palm Oil begin? Tick one.
○ 2004
○ 1924
○ 1994
○ 2014
8. Who do Green Palm support?
$\qquad$
9. How are humans affected by the palm oil industry. Explain your answer.
$\qquad$
$\qquad$
$\qquad$

# Science- Food Chains 

## Use this link:

## https://www.bbc.co.uk/bitesize/topics/zbnnb9q/articles/zwbtxsg



## Use this link:

## https://www.bbc.co.uk/bitesize/topics/zbnnb9q/articles/z93vdxs

## Or Google:

BBC Bitesize- Food chain challenge- Savannah

```
KS22
```



```
+ Aactomy viresice
```



Can you find the different food chains in a Savannah habitat? Explore the interactive scene, build your own food chain and watch films from the $B B C$ archive.

Try this game and put your knowledge of food chains to the test and when you have completed this activity why not try and complete the following food chains as well.
https://www.bbc.co.uk/bitesize/topics/zbnnb9q/articles/zsphrwx


Food chain challenge - Woodland
Part of Science | Food chains ond hobitots

+ Add to My Bitesize





## Woodlands link:

https://www.bbc.co.uk/bitesize/topics/zbnnb9q/articles/zsphrwx
Tundra link:
https://www.bbc.co.uk/bitesize/topics/zbnnb9q/articles/zcgbjty

1. Here is the net of a 3-D shape.


Name the 3-D shape

2. The diagram below shows three 3-D shapes and their nets


Match each 3-D shape to the correct net.

## © Corbettmaths 2018

## 4. Here is a net of a 3-D shape.



Which shape?
$\square$

[^0]
$\square$
3. Here is a net of a 3-D shape.


Name the 3-D shape


How many faces does the 3-D shape have?
$\square$

The net has one line of symmetry.

## Draw the line of symmetry on the diagram above

6. Here are some nets.


Which letter is the net of the cube?
$\square$

Which letter is the net of the triangular prism?
$\square$
7. This cube has shapes drawn on three of its faces.
8. Here is a net of a cube.


The cube is turned to look like this


Write 6 different numbers on the faces so that the numbers on the opposite faces of the cube has a product of 100.

## Draw and shade the missing shapes

## Nets (1)

I Draw lines to match the nets to the 3D shapes.


2 Tick any nets that will fold correctly to form a pyramid.

$\square$


3 This net forms a hexagonal prism. The shapes on the faces should be in pairs on opposite faces. Draw one more dot, one more triangle and one more square so that there are pairs of shapes on opposite faces of the prism.


4 The top half of this cuboid is painted, and the bottom half is white. Complete the shading on the net.


5 Complete the net of the cuboid.



1 Two straight lines cross a square.

Which other angles can you work out?


Explain how you worked them out.

## Unit <br> 4 Adverbs

An adverb is a word that gives more meaning to a verb.


The fish moved its fins gently.

An adverb of manner tells us how something happened.

Then it blew some bubbles.

An adverb of time tells us when something happened.

It swam upwards to the surface.

An adverb of place tells us where something happened.

## Getting started

1. Write the opposite of each of these adverbs of manner.
a) quietly
b) happily
c) jerkily
d) carefully
e) gently
2. Write the opposite of each of these adverbs of time.
a) lastly
b) afterwards
c) tomorrow
d) earlier
e) now
3. Write the opposite of each of these adverbs of place.
a) somewhere
b) inside
c) forwards
d) here
e) downwards

## Now try these

Adverbs sometimes need extra words to make their meaning more precise.

## Copy these sentences.

Choose a phrase from the box to fill the gaps.

| rather heavily really hard | so loudly quite noisily | very badly |
| :---: | :---: | :--- |
| most often almost always much harder more often | less well |  |

1. Our teacher told us not to talk $\qquad$ .
2. The old lady fell $\qquad$ - $\qquad$ .
3. We tried $\qquad$
$\qquad$ to win the game.
4. Kylie $\qquad$ chooses sandwiches for lunch.
5. After I practised, I was $\qquad$
$\qquad$ to beat.
6. The thirsty dog drank the milk $\qquad$
$\qquad$ .
7. Sara played the recorder $\qquad$
$\qquad$ . She did $\qquad$ than last week.
8. James smiles $\qquad$ than I do but Kirsty smiles
$\qquad$
$\qquad$ -.

## Practise your punctuation

1. Punctuate these sentences correctly.
a) lions seldom drink at the same place twice
b) slow down dont walk so quickly grumbled mr saunders
c) donna waited quite patiently in the queue for the singers autograph
d) youve done very well mark exclaimed mrs francis however i think you can try even harder
e) after the explosion the house collapsed almost immediately
f) the stamp collector said you very rarely see a stamp from iceland today

2. Now underline all the adverbs in each sentence.

Week 6 Day 4: Similar Shapes (Corbett Maths) Watch video 60 and complete task

1. Here are two similar rectangles


Work out the missing length
2. Here are two similar rectangles


Work out the missing length
© Corbettmaths 2018
3.

Here are two similar triangles


Work out the missing length
© Corbettmaths 2018
4. Here are two similar rectangles

5. Here are two similar triangles

6. Here are two similar trapeziums


Write the ratio of side $a$ to side $b$
Work out the missing length

$a: b=$ $\square$
7. Here are two similar shapes.


Write the ratio of side $a$ to side $b$
$a: b=$ $\square$

## Sea-lions

Sea-lions bear some resemblance to seals, though they are much larger. When fully grown they are from twelve to twenty feet in length, and from eight to fifteen feet in circumference; they are extremely fat, so that having cut through the skin, which is about an inch in thickness, there is at least a foot of fat before you come to either lean or bones.

Their skins are covered with short grey hair, but their tails and their fins, which serve them for feet on shore, are almost black. .They have a distant resemblance to an overgrown seal, though in some particulars there is a manifest difference between them, especially in the males. These have a large snout, or trunk, hanging down five or six inches below the end of the upper jaw, which the females have not.

These animals divide their time equally between the land and the sea, continuing at sea all the summer, and coming on shore at the setting in of winter, where they reside during the whole of that season. In this interval they bring forth their young, and have generally two at a birth, which they suckle with their milk, they being at first about the size of a full-grown seal. During the time these sea-lions continue on shore, they feed on the grass and small plants which grow near the banks of fresh-water streams.

They often, especially the males, have furious battles with each other, principally about their females; and we were one day surprised by the sight of two sea-lions goring each other with their teeth until they were covered with blood.
Anson's Voyage Round the World Richard Walter

1. Which is the bigger, a sea-lion or a seal?

2 What is the length of a fully grown sea-lion?
What is the thickness of a sea-lion's skin?
What thickness of fat lies between the skin of a sea-lion and its flesh or bones?


5 What purpose is served by the sea-lion's tail and fins when it is on shore?
6 Where does the sea-lion spend the summer?
7 Where does it spend the winter?
8 At what time of year are young sea-lions born?
9 How does the face of a male sea-lion differ from that of a female?
10 What do the male sea-lions fight about, chiefly?

## Fix My Sentence

## Repair the sentences by putting commas in the correct places.

1. The wrapping paper had blue white red and yellow stripes. (Hint: 2 commas)
2. The Shard the tallest building in Britain is located in London. (Hint: 2 commas)
3. The candle was burning brightly but I could see it was about to go out. (Hint: 1 comma)
4. Thomas smiled warmly and said "Good afternoon!" (Hint: 1 comma)
5. Dramatically the song finished with a bang!
(Hint: 1 comma)

## Complete the following tasks:

6. Write a list of five things you would need to camp out for the night. Write your list as a sentence.
7. Can you add extra information to this sentence using an embedded clause?
Laura walked to school.
8. Can you use a second clause to extend this sentence?

The air was very cold.
(Hint: you could start your second clause with 'but', 'so' or 'and'.)
9. Can you decide what Skye said?

Skye frowned and said
(Hint: remember that a comma comes before the inverted commas open.)
10. Can you use a fronted adverbial to describe how the door slammed?

Week 6 Day 5: Reflections (Corbett Maths) Watch video 54 and complete task.

1. Reflect the shape in the mirror line
2. Reflect the shape in the mirror line

3. Reflect the shape in the mirror line

© Corbettmaths 2018
4. Reflect triangle $A$ in the $x$-axis

5. Reflect triangle $B$ in the $y$-axis

6. Triangle $B$ is a reflection of triangle $A$ in the $y$-axis.

Both triangles are isosceles triangles.


What are the coordinates of point $C$ ?

1. Circle the word spelt incorrectly. opperation build
2. Rewrite the incorrectly spelt word. $\qquad$ posession potatoes remember
3. Circle the correct spelling. electrical ellectrical
4. Rewrite the word spelt incorrectly. $\qquad$ attached serficient calendar
5. A synonym for severe is:

6. In which word are the letters in not a prefix meaning not?inadequate $\square$ inkinsane
7. The contraction in we'd eaten means $\qquad$
8. Circle the correct homophone.

We are reading a very exciting cereal/serial in class.
9. The syllables of probably are $\qquad$ .
10. Write the plural of each noun.
forch $\qquad$ bus $\qquad$
box $\qquad$
11. Add the apostrophe.

Time to vote now the politicians campaigns are over.
12. Circle the direct speech.

Vote for our party, urged Dean Dare, and see the country prosper.
13. Add speech marks to show the direct speech.

Don't be fooled, replied Clark Kane, the country deserves a befter government.
14. Circle the conjunction.

My parents went to the polls but they did not know who to vote for.
15. Circle thinks or thought.

Dad $\qquad$ Kane was better, but Mum didn't agree.
16. Circle the meaning of democracy.
elected by the people controlled by one person
17. Another word for said. $\qquad$
The politician said he would create more jobs.
18. Circle the definite article.

The outcome of the next election will be interesting.
19. Circle the adjectives.

Politics seems dull and boring to many people.
20. Finish the proverb.

Better late than $\qquad$ _.

Each sentence below has one word that is incorrect. Write the correct spelling of the word in the box.

1. Four adults needed to acompony the children on the trip.
2. He was conshus of the time.
3. Next year, Jane is turning fourty.
4. "My stomak is hurting," the ill child moaned.
5. He needed to change his identety quickly.
6. The secratery answered the phone politely.
7. The quee was getting shorter.
8. Jack was determaned to get the job.

|  |
| :--- |
|  |
|  |
|  |
|  |
|  |

The spelling mistakes in these sentences have been circled. Write the correct spelling for each circled word in the box.

1. After the bad tackle, John's knee had a purple brewseappearing.
2. Kali could speak three anguges.
3. Her favourite orogramestarted at six o'clock.
4. Alice's curiocity led her down the rabbit hole.
5. "Iapreshiateall the birthday wishes," she beamed.
6. The teacher encouraged the children to use the dicshionary
7. Theresturent was fully booked.
8. Thesistum had broken down.

|  |
| :--- |
|  |
|  |
|  |
|  |
|  |

## Each sentence below has one word that is incorrect. Write the correct spelling of the word in the box.

1. The teachers loved their profeshon.
2. Adam produced an eggcelent piece of art work.
3. Gran let them choose a varitey of sweets.
4. They walked quietly through the cemetry.
5. Cycling is better for the enviromant than driving.
6. The teacher was extremely thorugh when marking.
7. The boxer looked very agresive.
8. "My next door neybour is so noisy!" complained John.

|  |
| :--- |
|  |
|  |
|  |
|  |
|  |

The spelling mistakes in these sentences have been circled. Write the correct spelling for each circled word in the box.

1. The teacher expected a better explination
2. The family owned a mischivuspuppy.
3. Bill and Ann found the avarage weight of the potatoes.
4. "My new TV was a bargin!" exclaimed Paul.
5. Fatima practised her new signicher
6. Mr Jones couldn'tgarantee a place in the play.
7. Jane was despretefor a holiday in the sun!
8. "Is thisrelivent?" asked Mary.

|  |
| :--- |
|  |
|  |
|  |
|  |
|  |



Food Chains


[^1]
[^0]:    5. What 3-D shape is this the net of?
[^1]:    Cut out the pictures. How many different food chains can you make? Choose some to stick down and draw in the arrows.

