



Marlborough Primary Academy

Home Learning Class 3M

*Please continue to check Class Dojo daily
to access videos that support your child's
learning. Thank you.*

*Week beginning
18/5/2020*



Marlborough Primary Academy

Class
3M

Home Learning
Day 1

Date
18/5/20

Daily activities - 5 a-day!

1) TTRockstars - 20 minutes

2) Morning maths - 15 minutes

3) Independent Reading - 30 minutes

4) Spelling - 20 minutes

5) P.E. - Joe Wicks workout

English

Reading

This week you will write another *diary entry*. Read the WAGOLL (What a Good One Looks Like) diary entry about a day at school and answer the questions.

Maths

Multiplying and dividing by 8

Click on the slideshow to solve the pirate problems.

<https://www.bbc.co.uk/bitesize/articles/zvvsy9q>

Complete the activities and check your answers.

Challenge- Activity 2 (8s space race)

Other

Mr Hare has sent you a message! Read this and think of something you might like to say back or show him. You could write a message, make a poster or anything you like! Upload this to your portfolio for me to send to him.

If you need an extra task you could try... Teach yourself a magic trick using an online tutorial/video and perform it for your family members. Can they guess how it was done?

Friday 30th November 2018

Dear Diary,

I had the best day EVER today. I woke up this morning, the sun was shining through the curtains and I could smell breakfast cooking downstairs. I jumped out of my bed, threw on my school clothes and skipped down to the kitchen.

A delicious breakfast of pancakes with syrup was waiting for me on the table and I gobbled it down as quick as a flash. I grabbed my school bag, shouted "Bye!" to my mum and dashed out of the door to school.

When I arrived at school, my teacher handed my homework back to me and a huge grin spread across her face. Guess what? I got 20 out of 20! I couldn't believe it! We had my best lessons in the morning (Literacy and Geography).

Before I knew it, it was lunchtime. The menu today was my favourite: Spaghetti Bolognese followed by Chocolate pudding - yum! The afternoon flew by, and we ended the school day with a really fun game of Dodgeball, and we all cheered when my team won (of course).

After school, I came home and was met with the most amazing surprise; my mum told me that we were going out to the cinema and to Pizza Hut for dinner. We had a fantastic time!

I'm sitting on my bed writing this, remembering all the fun things that happened today. I hope tomorrow is just as good!

William

A diary entry is a form of **recount** in which the writer explains what has happened to them.

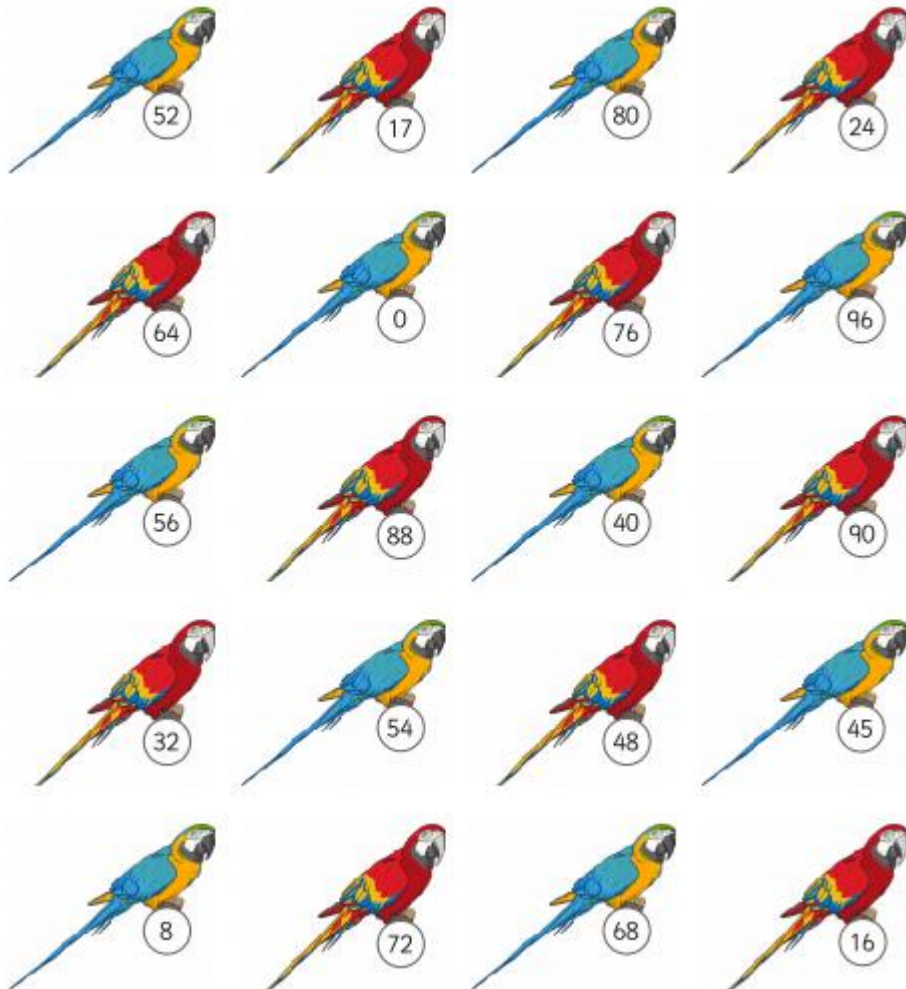
Here's a **checklist** of the key features to use when you write a diary entry.

- Start with '**Dear Diary**'.
- **Describe** the places where the events happened.
- Write in the **past tense**.
- Use **pronouns** like **I**, **my** and **me** to show that the events happened to you.
- Talk about how you were **feeling** or what you were **thinking** when each event happened.

Now answer the following questions. You can either write out your answers or just think about them.

1. How does the diary entry start?
2. Is it written in the past tense?
3. What feelings or emotions does the writer experience?
4. How is the writing organised?














1. Circle the parrots that show multiples of 8.



These 8 pirates are trying to work out their share of the treasure and they need your help.

Use counters, cubes or coins to find out how many gold coins each pirate should get. Fill in the number sentence to go with your calculation.

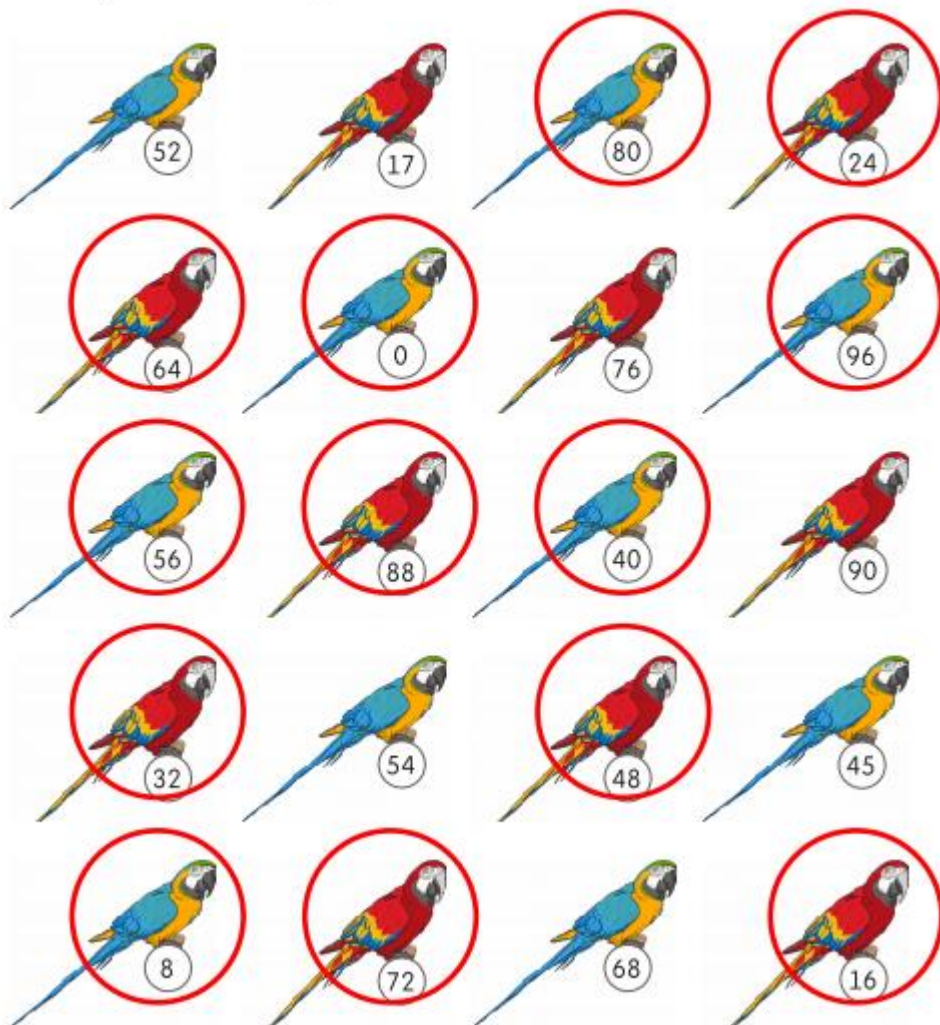


				
$8 \div 8 = 1$	$72 \div 8 = \square$	$16 \div 8 = \square$	$48 \div 8 = \square$	$96 \div 8 = \square$
				
$88 \div 8 = \square$	$32 \div 8 = \square$	$80 \div 8 = \square$	$64 \div 8 = \square$	$24 \div 8 = \square$
				
$40 \div 8 = \square$	$0 \div 8 = \square$	$56 \div 8 = \square$		



Ahoy Me Hearties Answers

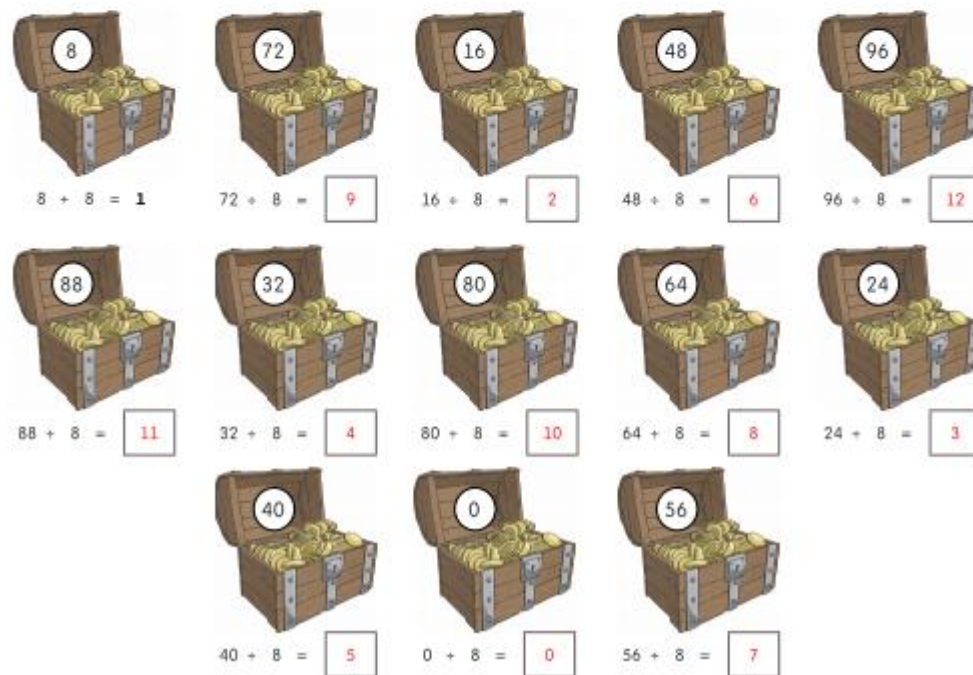
1. Circle the parrots that show multiples of 8.



Answers

These 8 pirates are trying to work out their share of the treasure and they need your help.

Use counters, cubes or coins to find out how many gold coins each pirate should get. Fill in the number sentence to go with your calculation.



Hello Class 3.

I imagine you are all starting to get a bit fed up with being restricted at home and miss playing with your friends at school. Unfortunately this nasty disease has spread around the world and until a solution is found, we all will have to follow the instructions issued by the Government.

Because I am old (NOT from the stone-age, Ariq!!) I have to be extra careful not to come into contact with other people. I go out once a day for a walk around the area I live. Fortunately, in my back garden, we have a bird feeder and bird bath - we can watch the birds come down, eat some seed and have a drink. Sometimes they sit in the bird bath and have a good splash around, which is their way of having a wash. We also have a hedgehog (we call him Harry) which we have seen a couple of times in the evening - this is very rare because they are nocturnal animals (this means they sleep during the day and come out at night).

I miss coming to school and listening to you read to me - when you make progress with your reading skills, it makes me very happy. Miss Millar tells me she is sending out school work for you to do at home and I hope you are doing this as best you can. Please keep on reading because sometimes just sitting down quietly and reading a book can be very enjoyable and will help you with your education.

In many countries, doctors and scientists are working extremely hard to find a cure for the virus. Because it is easy for me to catch diseases, when school starts again, I will not be able to return immediately and will need to wait until I know it is safe.

Take care and see you sometime.

Mr Hare



Marlborough Primary Academy

Class
3M

Home Learning
Day 2

Date
19/5/20

Daily activities - 5 a-day!

1) TTRockstars - 20 minutes

2) Morning maths - 15 minutes

3) Independent Reading - 30 minutes

4) Spelling - 20 minutes

5) P.E. - Joe Wicks workout

English

SPAG

Watch the clip to see what similes and metaphors are.
<https://www.bbc.co.uk/bitesize/articles/zmmpscw>

Complete the online activities and/or the sheet. Check your answers.

Maths

Multiply a 2-digit number by a 1-digit number

How would you work out 19×5 ?

<https://www.bbc.co.uk/bitesize/articles/zb4gcqt>

Watch the video, complete the online activities and/or the sheet. Check your answers.

STEM

Science, Technology, Engineering and Mathematics

<https://bit.ly/2YuImys>

Sophia Barnacle was a British inventor who invented the Helter-skelter slide in 1907. Watch the video and try using junk box materials to make your own helter-skelter or marble run.

If you need an extra task you could try... Indoor camping - make a fort or tent out of blankets/furniture. Turn off the lights and use torches to explore

Top tip!

Metaphors say something **is** something else. Similes says something is **like** or **as** something else.

Simile or Metaphor?

If the sentence contains a simile, colour it blue. If it is a metaphor, colour it yellow.

The car moved
like a snail.

The house was a zoo.

The librarian was as
sweet as candy.

The stars are
diamonds in the sky.

The puppy was as
fast as a cheetah.

The test was a breeze.

He is a walking
dictionary.

Abigail is as tall
as a giraffe.

My dad is a teddy bear.

My brother eats
like a pig.

Her heart was as
big as the ocean.

Peter is an angel.

Simile or Metaphor? **Answers**

Simile	Metaphor
<p>Her heart was as big as the ocean.</p> <p>Abigail is as tall as a giraffe.</p> <p>My brother eats like a pig.</p> <p>The puppy was as fast as a cheetah.</p> <p>The car moved like a snail.</p> <p>The librarian was as sweet as candy.</p>	<p>Peter is an angel.</p> <p>He is a walking dictionary.</p> <p>The test was a breeze.</p> <p>My dad is a teddy bear.</p> <p>The house was a zoo.</p> <p>The stars are diamonds in the sky.</p>



Repeat Questions

Step
14

Multiplication

I can solve any 1d x 2d

Remember To:

- partition the 2d number
- write out the 2 questions
- times the units
- times the tens (Smile Multiplication)
- add the answers to find the total

1 $8 \times 93 =$

2 $6 \times 53 =$

3 $2 \times 38 =$

4 $1 \times 25 =$

5 $2 \times 31 =$

6 $5 \times 80 =$

7 $5 \times 10 =$

8 $7 \times 63 =$

9 $3 \times 90 =$

10 $5 \times 96 =$

How can I multiply a 2 digit-number by a 1-digit number?

You can do this by breaking down a number.

Let's think about an example, what is 6×40 ?

6×40 is equal to $6 \times 4 \times 10$

If we put the **10** to one side, 6×4 is equal to $6 \times 2 \times 2$

$6 \times 2 \times 2 = 24$

Now bring back that ten, $24 \times 10 = 240$

This means $6 \times 40 = 240$

Break down the calculation as much as you need to. If you know $6 \times 4 = 24$, you don't have to break it down into $6 \times 2 \times 2$.

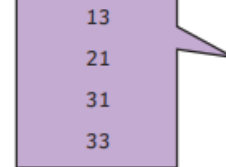
Challenge:

- 1) Use these numbers to solve the problems below.

You may need to use some numbers more than once. For each question, you should always use one number from each group in your calculation.



2
3
4



13
21
31
33

- a) Write a multiplication calculation with an answer that is one less than 100.

- b) Write a multiplication with an answer that is less than 45.





Repeat Answers

Step
14

Multiplication

I can solve any 1d x 2d

Remember To:

- partition the 2d number
- write out the 2 questions
- times the units
- times the tens (Smile Multiplication)
- add the answers to find the total

1 $8 \times 93 = 744$

2 $6 \times 53 = 318$

3 $2 \times 38 = 76$

4 $1 \times 25 = 25$

5 $2 \times 31 = 62$

6 $5 \times 80 = 400$

7 $5 \times 10 = 50$

8 $7 \times 63 = 441$

9 $3 \times 90 = 270$

10 $5 \times 96 = 480$



Marlborough Primary Academy

Class
3M

Home Learning
Day 3

Date
20/5/20

Daily activities - 5 a-day!

1) TTRockstars - 20 minutes

2) Morning maths - 15 minutes

3) Independent Reading - 30 minutes

4) Spelling - 20 minutes

5) P.E. - Joe Wicks workout

English

Planning

Watch the video 'The Enormous Pumpkin'.

<https://www.bbc.co.uk/bitesize/articles/z6yxt39>

Pay attention to the farmer's actions and feelings as you will be imagining you are her and writing a diary entry. Watch the video for Activity 2 and plan your writing.

Maths

Divide a 2-digit number by a 1-digit number

<https://www.bbc.co.uk/bitesize/articles/zbkdjhw>

Watch the videos, complete the online activities and/or the sheet. Check your answers.

Computing



How can we communicate (talk) with each other? Complete the 2Do showing the good and bad things about each method.

If you need an extra task you could try... Use the Internet to learn how to say 'hello' in different languages.

Not enough space? Write your plan in your English book.

Remember

- A diary entry is a form of a **recount** so you are retelling the story as if you are the farmer.
- This is not the actual writing so you **don't** need to write in full sentences.
- If it helps, you can **re-watch the video** to remind yourself about what happens.

Top tip!

Diaries often include the writer's **emotions**. So think about how the farmer would be **feeling** during the events in the video.

Planning a Diary Entry

In each box write notes to say what you will include in each paragraph of your diary entry. You could include what actions the character did, how they felt about what happened and any interesting words you may want to use.

Paragraph 1 - How does the story start? Describe sowing your seeds and then waking up to see the giant pumpkin. What did you do and feel when you saw it?



Paragraph 2 - What happened next? How heavy was the pumpkin? Describe how your husband, the villagers and animals helped you to move it.



Paragraph 3 - Describe what happened at the end of the story. How did you feel? Was the pumpkin tasty?



Learn

Division is used when sharing a number into another number. Division is the opposite of multiplying.

1 Lexi has 39 carrots.

She shares the carrots between 3 horses.



How many carrots does each horse get?

Divide the 10s first.

$$3 \text{ tens} \div 3 = \boxed{} \text{ ten}$$

$$30 \div 3 = \boxed{}$$

Divide the 1s.

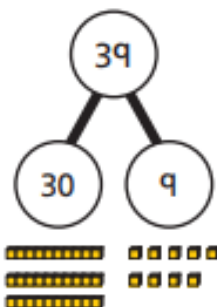
$$9 \text{ ones} \div 3 = \boxed{} \text{ ones}$$

$$9 \div 3 = \boxed{}$$

$$\boxed{} + \boxed{} = \boxed{}$$

$$39 \div 3 = \boxed{}$$

Each horse gets $\boxed{}$ carrots.



2 Work out $68 \div 2$.

$$6 \text{ tens} \div 2 = \boxed{} \text{ tens}$$

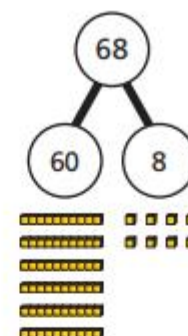
$$60 \div 2 = \boxed{}$$

$$\boxed{} \text{ ones} \div \boxed{} = \boxed{} \text{ ones}$$

$$\boxed{} \div \boxed{} = \boxed{}$$

$$\boxed{} + \boxed{} = \boxed{}$$

$$\text{So, } 68 \div 2 = \boxed{}$$



3 Mo and Alex are working out $84 \div 4$.

I will take 84 cubes and share them into 4 equal piles, one by one.



Mo

I will divide the 10s first and then the 1s.



Alex

Whose method do you prefer?

Explain to your partner why.



I think one of these methods is quicker than the other.



I will partition my numbers into 10s and 1s first.



Answers

Question ①: $3 \text{ tens} \div 3 = 1 \text{ ten}$
 $30 \div 3 = 10$
 $9 \text{ ones} \div 3 = 3 \text{ ones}$
 $9 \div 3 = 3$
 $10 + 3 = 13$
So, $39 \div 3 = 13$
Each horse gets 13 carrots.

Question ②: $6 \text{ tens} \div 2 = 3 \text{ tens}$
 $60 \div 2 = 30$
 $8 \text{ ones} \div 2 = 4 \text{ ones}$
 $8 \div 2 = 4$
 $30 + 4 = 34$
So, $68 \div 2 = 34$

Question ③: $84 \div 4 = 21$
Look for answers involving children noticing that Alex's method is more efficient or faster.



Daily activities - 5 a-day!

1) TTRockstars - 20 minutes

2) Morning maths - 15 minutes

3) Independent Reading - 30 minutes

4) Spelling - 20 minutes

5) P.E. - Joe Wicks workout

English

Writing

Write the farmer's diary entry. As you write, use the checklist from Monday to help you.
Think of any similes or metaphors that you could use in your diary entry.
e.g. The pumpkin was as enormous as a...

Maths



Multiplication and division problem solving

<https://www.bbc.co.uk/bitesize/articles/zhvbrj6>

Watch the videos and for Activity 2. Go to the *Mysterious Mountains of Multiplication and Dark Tower of Division* for some multiplication and division problems.

PSHE

In the villages of Guatemala in South America, the children tell their worries to a small doll then tuck in under their pillow at night to take their worries away.
Make your own worry doll to take your worries away!
<https://www.youtube.com/watch?v=7lcoBtyUVVM> (You can use any materials you like)

If you need an extra task you could try... Take your worry doll on an adventure and take pictures.

Here's a **checklist** of the key features to use when you write a diary entry.

- Start with '**Dear Diary**'.
- **Describe** the places where the events happened.
- Write in the **past tense**.
- Use **pronouns** like **I**, **my** and **me** to show that the events happened to you.
- Talk about how you were **feeling** or what you were **thinking** when each event happened.

Top tip!

- Use your **plan**.
- Organise your writing using **paragraphs**.

Activity 4

Read your diary entry aloud to yourself or to someone else at home, if you can.

Look at the **checklist** again. Have you included all the features in your writing?

Underneath your writing, using a different coloured pen, write down:

- **two** things that you really **like** about your diary entry
- **one** thing that you would like to **improve** . Maybe you missed something from the checklist?


If you can, ask a friend or family member what they like about your diary entry and how they think you could improve it next time.





Problem solving


If you can't access the internet. Try these problem solving activities.

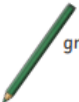
1) Eliza is going to draw a coloured shape. She can choose from 4 different shapes and 2 different colouring pencils.






















a) How many possible coloured shapes could she draw? Draw them below.

b) Complete the tables to show all the possible coloured shapes she could draw.

Shape	square	circle						
Colour	blue	blue	blue	blue				

2) Here are the different flavours and toppings at the ice cream parlour.

Flavours	Vanilla 	Strawberry 	Chocolate 
	Cherry 	Flake 	Sprinkles 

Jayden isn't sure which ice cream or which topping to get. List all the different possible combinations that he could choose.

Challenge

Hint: Multiply the number of indoor activities by the number of outdoor activities to find out how many combinations there are altogether.

Indoor Activities



Outdoor Activities





1) At after-school club, the children choose 1 indoor and 1 outdoor activity.
a) How many different combinations of activities could they choose?

_____ × _____ = _____

There are _____ different combinations.

Answers

- 1) a) *Children should draw a blue square, a blue circle, a blue triangle, a blue rectangle, a green square, a green circle, a green triangle and a green rectangle.*



b)

Shape	square	circle	triangle	rectangle	square	circle	triangle	rectangle
Colour	blue	blue	blue	blue	green	green	green	green

- 2)
- | | | |
|------------------------------|---------------------------------|--------------------------------|
| <i>Vanilla and a cherry</i> | <i>Strawberry and a cherry</i> | <i>Chocolate and a cherry</i> |
| <i>Vanilla and a flake</i> | <i>Strawberry and a flake</i> | <i>Chocolate and a flake</i> |
| <i>Vanilla and sprinkles</i> | <i>Strawberry and sprinkles</i> | <i>Chocolate and sprinkles</i> |

- 1) a) $3 \times 4 = 12$

There are **12** different combinations.







Marlborough Primary Academy

Class
3M

Home Learning
Day 5

Date
22/5/20

Daily activities - 5 a-day!

1) TTRockstars - 20 minutes

2) Morning maths - 15 minutes

3) Independent Reading - 30 minutes

4) Spelling - 20 minutes

5) P.E. - Joe Wicks workout

English

Improving your writing

<https://www.bbc.co.uk/bitesize/articles/zryxt39>

Watch the video on proofreading and complete the online activities. Make your diary entry even better by following these tips and writing your new version in neat cursive handwriting.

Maths

Friday Challenges!

<https://www.bbc.co.uk/bitesize/articles/z4gkwtv>

Have a go at the challenges. Each one gets a bit more difficult.

Investigation

Growing crystals

Follow the instructions to grow on your own crystals. Have fun and remember to show me them on your portfolio!

If you need an extra task you could try... Write a diary entry every day as if you are an alien who is stuck living with a weird human family on Earth. What normal things have your family done today that would seem really strange to an alien?

Proofreading is the process of looking through your work, finding mistakes and correcting them. It's a very important part of the writing process.

Most authors, even famous ones, check and rewrite their stories many times before they are happy to let someone else read them.

Challenge- Can you correct the mistakes in these diary entries? Check your answers.

Top proofreading tips

Read your diary entry to yourself.

Pretend that someone else wrote it, see how well you think it is written and then rewrite it to make it better.

Use conjunctions to make sure your sentences flow nicely and make sense.

Double-check your facts.

Look out for spelling, grammar and punctuation mistakes.

Look for words or sentences that you can make better by choosing different vocabulary, adding description or adding adverbs.

Diary Extract 1

Dear Diary,

Today woz the best day ever my dad surprised me with trip to the zoo i couldnt believe it. it tuck us half hour to get there in my dads car. When we arrived, the first thing we did was go see the monkeys. they were my favourite animal they swinging all around the enclosure and one did backflip! Me dad and me laughed so much!

Diary Extract 2

Dear Diary,

Today was a good day because we went on our school trip. We went to a farm. It took us fifty minutes to get there. When we arrived we got put in groups. I got put with my friend Emma. We went to feed the lambs first. They were cute. I gave one a bottle of milk and she drank it. She was called Daisy. After that we went to help milk the cows. The cows Were big. We sat on a stool next to them and the farmer showed us how to pull the udder. It felt weird. I got a bit of milk out.

Answers

Diary Extract 1

Dear Diary,

Today **was** the best day ever! **My** dad surprised me with **a** trip to the zoo.

I couldn't believe it. **It took** us half **an** hour to get there in my dad's car.

When we arrived, the first thing we did was go **and** see the monkeys.

They are my favourite animal. **They were** swinging all around the

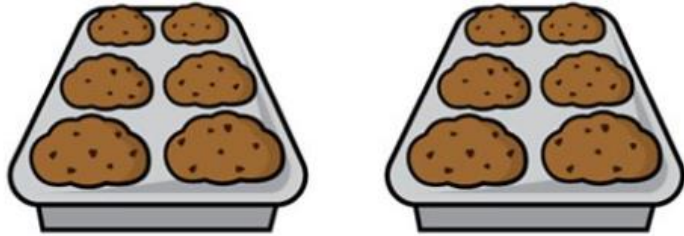
enclosure and one did a backflip! Me **and my** dad laughed so much!

Diary Extract 2

Answers will vary.

Challenge 1

Eric bakes these two trays of muffins.



He eats 2 muffins.

His dad eats 3 muffins.

His sister eats 4 muffins.

How many muffins does he have left?

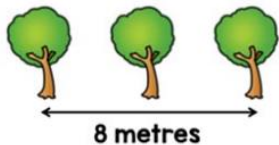
Challenge 4

Ten trees are planted in a row.



The trees are spaced out equally.

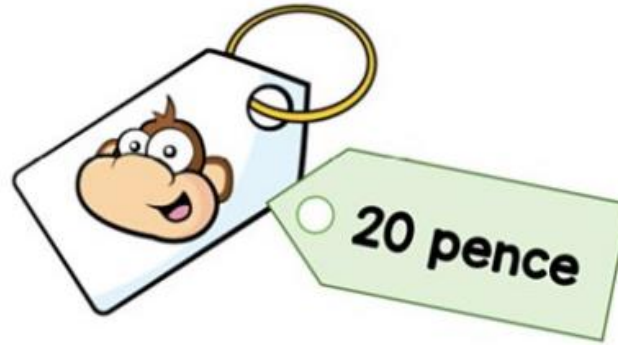
The distance between the fourth and sixth tree is 8 metres.



What is the distance between the first and last tree?

Challenge 2

Lola buys this key ring.

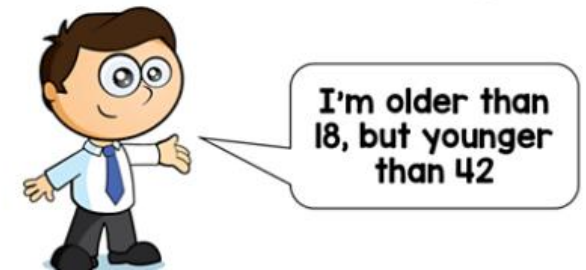
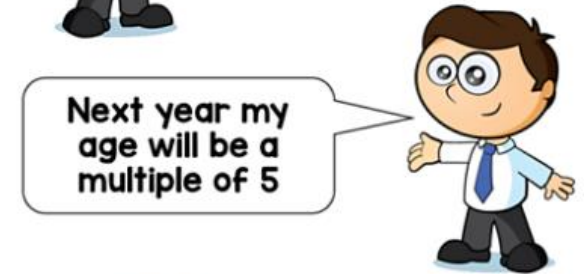


Her mum gives a quarter of the money.

She pays for the rest herself.

How much does she pay herself?

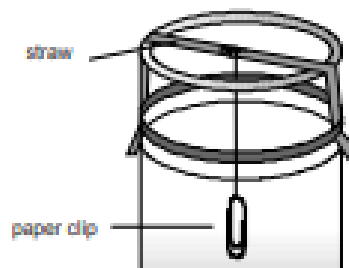
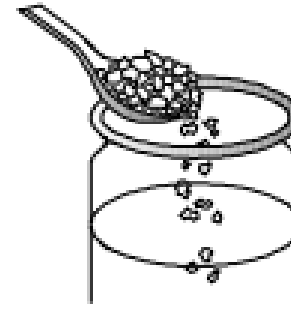
Challenge 3



How old is the teacher?

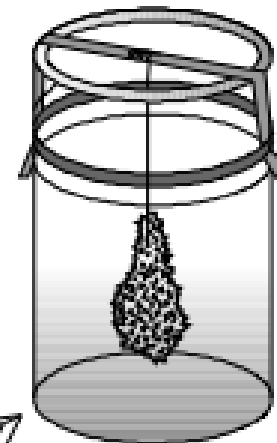
GROWING CRYSTALS

1. Fill a jar with warm water from a kettle.
2. Add several teaspoons of salt to the water and stir until all the salt has dissolved.
3. Add several more teaspoons and stir. Repeat this until no more salt will dissolve.



4. Tie a paper clip onto the end of a piece of cotton and wrap the cotton around a straw. Bend down the ends of the straw and secure over the jar with an elastic band as shown in the diagram.

5. Put your growing crystal solution on one side and look again in a week. You should see crystals growing around the paper clip.
6. After a week, observe your crystal using a magnifying glass. Can you see any of the shapes below?



IDEAS TO INVESTIGATE

- Find out about the different shapes crystals can be.
- Look at some sugar under a magnifying glass.
- Draw the shape of the crystals.