



Marlborough Primary
Academy

Class
4/5B

Home Learning

Date
18/01/21

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

Writing: Explanations

WALT: plan an explanation text.

Today we will be learning about the life cycle of an apple tree.

This will be the topic of the explanation we will write this week.

Today's task: learn about the life cycle of an apple tree and find out what the technical vocabulary means.

MATHS

WALT: understand multiplication by 6.

Watch the video then have a go at the work in the booklet.

<https://vimeo.com/478522348>

Reading: Andy Griffiths Just Annoying

Andy Griffiths is a wacky Australian author who writes about a terribly annoying child also called Andy.

Enjoy this chapter from Just Annoying by reading a few pages every day.

I'll be reading it at the end of the English zoom.

There will be a class maths zoom at 9:30.
Please watch the video and do your
morning maths first.

You could listen and follow along in your
booklet.

This is morning maths

Solve these problems using written or mental methods.

If you get stuck send me a dojo message!

$$4752 + 1819$$

$$421 \times 0$$

Round 173 to
the nearest 10.

$$8705 - 82$$

$$421 \div 1$$

Find $\frac{3}{4}$ of 20

1 Complete the sentences.



There are boxes.

There are eggs in each box.

There are eggs altogether.



There are spiders.

There are legs on each spider.

There are legs altogether.



There are boxes.

There are eggs in each box.

There are eggs altogether.

2 Rosie has 30 strawberries.



She shares them equally between 6 bowls.

a) Draw on the picture to show how Rosie shares the strawberries.

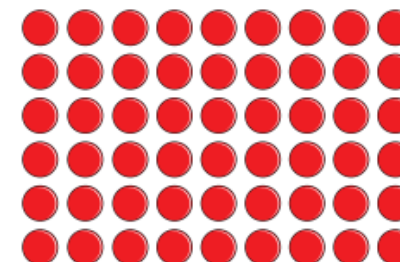
b) How many strawberries does Rosie put in each bowl?

3 These apples are being put into bags of 6



How many bags are needed?

4 Write two multiplications and two divisions shown by the array.



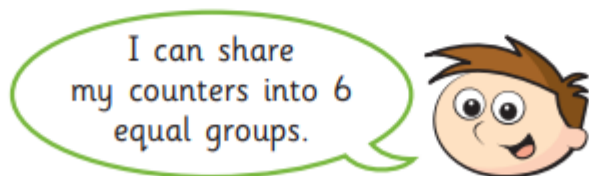
- 5 A red ribbon is 6 cm long.
A yellow ribbon is 7 times as long as the red ribbon.
How long is the yellow ribbon?

- 6 There are 66 children sitting in rows.
There are 6 children in each row.
How many rows are there?

- 7 Nails come in boxes of 100
A crate holds 6 boxes.
A shop orders 4,800 nails.
How many **crates** does the shop order?



- 8 Teddy has an odd number of counters.



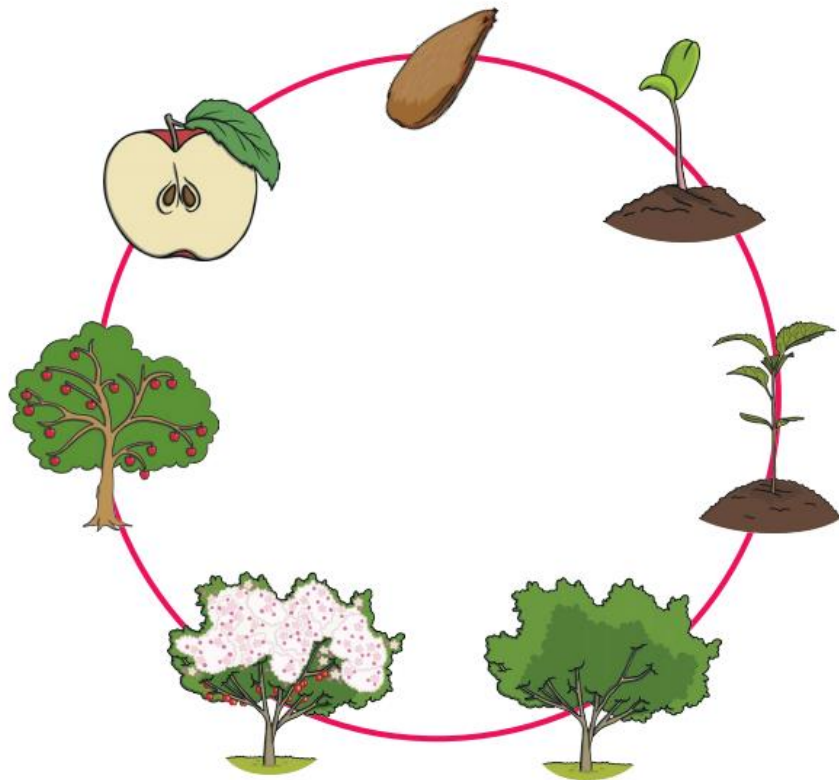
Do you agree with Teddy?
Why?

English: Explanations

Class 45SB will work through these together during the English Zoom at 10:30. The link and codes will be posted on the class story just before the lesson.

Can you explain the life cycle of an apple? Use this diagram to help you.

Life Cycle of an Apple



We are learning technical vocabulary for the life cycle of an apple.

Find out what these words mean

Germination	
Photosynthesis	
Seedling	
Sapling	
Pollination	
Blossom	

ARE WE THERE YET?



ad?

'Yes?'

'Are we there yet?'

'No.'

'Now?'

'No.'

'Now?'

'For goodness sakes!' growls Dad. 'Will you stop it!'

'Alright,' I say. 'Don't get your knickers in a knot.'

We've been in the car for two days now. Mum and Dad are at breaking point.

Don't get me wrong. I don't want them to get mad at me—it just happens.

Like it or not, when you go on a long drive



INTERACTIVE
MOVIE!
Grasp book
edge between
thumb and
forefinger
and FLIP.



FAVOURITE
FLY
RESTING
SPOTS.



there are times when you just have to stop.

And my parents do not like it.

But what's the alternative?

Do they want me to starve to death? To wet my pants? To be sick all over the back seat?

I think any of these would be a lot more annoying and inconvenient than the few stops it takes to prevent them. I'm actually doing them a favour.

Mum and Dad should save their energy for really annoying things. Like the fly that has been buzzing around in the car for the last half hour. It's driving me mental. I'm going to do us all a big favour. I'm going to get rid of it.

I wind the window down. The fly jumps away.

It's hiding, just waiting for me to wind the window back up again.

I have to lure it out.

I start doing my best fly-call.

'Bzzzzz! Bzzzzzzz! Bzzzzzzzzzzzzz!'

Still no fly. Have to do it louder.

'BZZZZZZ! BZZZZZZZZ! BZZZZZZZZZ!'

'Andy!' yells Dad. 'I can't concentrate with you making that stupid noise. Do you want



BABY
WILL JUST
LOVE YOUR
OLD DEAD
FLIES



us to have an accident? Do you want us all to be killed?’

I hate it when Dad asks dumb questions like that. What does he expect me to say? ‘Yes, Dad, I want us to have an accident. I want us all to be killed.’

But I don’t say that. It might cause Dad to have an accident. We might all be killed.

‘Alright, Dad,’ I say instead. ‘Don’t get your knickers in a knot.’

‘And stop telling me not to get my knickers in a knot!’ he explodes.

‘Okay,’ I say. ‘Don’t get your trousers in a twist.’

Dad hunches over the steering wheel. His knuckles whiten. Tiny drops of perspiration appear on the back of his neck.

He knows he’s been outsmarted once again. It must be frustrating for him having a son as clever as me. It must be hard knowing that he can never win.

The fly lazily cruises in front of my eyes. It’s asking for trouble. Well, it’s come to the right man.

I once saw a movie where the door of an aeroplane opened mid-air and everybody was sucked out by the vacuum it created. I

Tying
your
knickers
in knots.
Lesson: 12
The double
overhand
knot.
1. Take a
large pair
of knickers.
2.
3.
Put them
on.



To accompany
the movie
try making
your own
sound
effects.





Marlborough Primary Academy

Class
4/5B

Home Learning

Date
19/01/21

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

Don't forget to share your work in your portfolio.

ENGLISH: Explanations

WALT: write an introduction for an explanation.

This week we are writing an explanation
for

Join class 45SB at 10:30 on zoom to
write an introduction for an explanation:
How do apples grow?

MATHS

WALT: solve multiplication and division problems involving the number 9.

There is no video for this lesson.

There will be a class maths zoom at 9:30.
Join the zoom to learn how to solve the
trickier problems in today's work.

Reading: Andy Griffiths
Just Annoying
Enjoy reading part 2!

Join the English zoom. At the end, I will
read the story and you can follow in your
own text.

This is morning maths

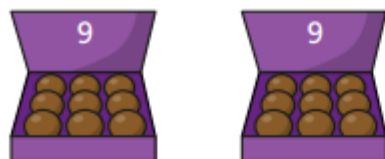
Solve these problems using written or mental methods.

If you get stuck send me a dojo message!

$5182 + 3999$	14.5×1	Round 718 to the nearest 10
$4290 - 4289$	$740 \div 10$	Find $\frac{2}{3}$ of 18

1 Complete the sentences.

a)



There are boxes.

There are chocolates in each box.

There are chocolates altogether.

$$2 \times 9 = \square$$

b)



There are cubes.

There are faces on each cube.

There are faces altogether.

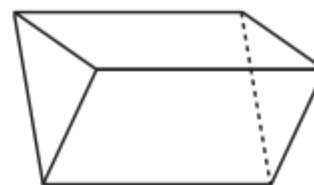
$$\square \times \square = \square$$

2 There are 9 players in a baseball team.

a) How many players are there in 7 baseball teams?

b) If there are 81 players, how many full teams are there?

3 A triangular prism has 9 edges.



Use this information to complete the sentences.

a) 5 triangular prisms have edges.

b) triangular prisms have 90 edges.

c) triangular prisms have 99 edges.

d) 6 triangular prisms have edges.

4 Complete the number sentences to describe the array.



$$3 \times 9 = \square$$

$$\square \div 9 = 3$$

$$9 \times \square = \square$$

$$\square \div \square = 9$$

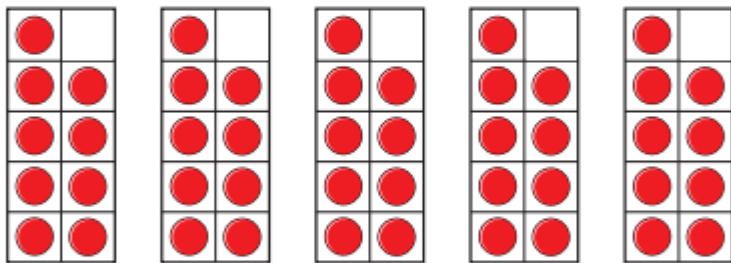


- 5 There are 9 coloured squares on each face of a puzzle cube.



How many coloured squares are there on the whole puzzle cube?

- 6 Eva is making groups of 9 on ten frames.



How can Eva work out how many counters she has altogether?

Compare your method with a partner.

- 7 Here is a number puzzle.

$$\square \times \square \times \triangle = 81$$

Find three different values of the square and triangle.

English: Explanations

Class 45SB will work through these together during the English Zoom at 10:30. The link and codes will be posted on the class story just before the lesson.

Every good explanation needs an introduction to draw the reader in and set up the explanation.

Today you will write the introduction to your text: How do apples grow?

How do we write a good introduction?

1. Write sentences to explain what the topic is and why it is important.

Apples are...

2. Ask the question you are going to answer.
3. Encourage the reader to read on.

Use these facts to help you write your introduction.

Facts about apples:

People have grown and eaten apples for thousands of years.

There are more than 30,000 varieties of apple.

Apple trees can live for 100 years or more.

don't need a vacuum quite that powerful, but maybe if I open and close the door I'll be able to create one strong enough to suck the fly out.

I squeeze the door handle as carefully and slowly as I can so that it doesn't make any noise. I swing it open, then shut.

Open, shut.

Open, shut.

'What do you think you're doing?' screams Dad.

'I'm creating a vacuum,' I say.

'What?'

'A vacuum! I'm trying to get a fly out of the car.'

'Shut the door! And keep it shut!' shouts Dad. 'I'm warning you. If you don't behave yourself, I'll stop the car and you can get out and walk. Do you understand?'

'But, Dad . . . ' I say.

'No buts! Do you understand?'

'Yes, Dad.'

Dad's knuckles are really white now. He's gripping the steering wheel so hard that his bones are practically breaking through his skin.

I hear a buzz. It's coming from behind me.

The vacuum didn't work. I turn around but I can't see the fly. Hang on—the noise is coming from outside.

I undo my seatbelt and kneel up on the seat to get a better view.

There's this crazy-looking guy riding an old black Harley. He's got a long red beard, a black bowl-shaped helmet and a pair of old-fashioned plastic riding goggles. They make him look like a fly. And his motorbike sounds like one. Only much louder.

Suddenly the fly shoots across the window.

Showdown time!

I try to cup it in my left hand and hook it out of the window.

That's my plan, anyway.

But the fly has other ideas. It skates across the window to the far corner. And then back again. I'm chasing the fly back and forth across the window when I notice that the bikie is making hand signals.

He thinks I'm waving to him!

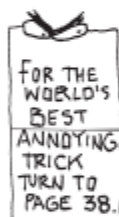
I wave.

He waves back.

I wave again.

He waves back again.

We're best friends now.



'Stop waving,' says Dad. 'Sit down and put your seatbelt back on.'

'But he waved first,' I say.

'Don't annoy bikies,' says Dad. 'I don't want any trouble.'

'I'm not annoying him—I was just being friendly.'

'Sit down!'

'Okay, okay, don't get your knickers in a knot.'

I give one last wave to Bike-man, but he's pulling into a service station and doesn't see me.

I feel like I've lost my best friend.

I notice a movement out of the corner of my eye.

I look up. The fly is on the roof. It's taunting me. It buzzes again.

'Andy,' says Dad, 'you're pushing your luck!'

'It wasn't me,' I say. 'It was the fly!'

I have to get rid of this fly. And quickly. Before it gets rid of me.

I reach up and try to cup it with my hand.

It jumps to the left.

I try again.

It jumps to the right and then heads

towards the front windscreen, daring me to come after it.

I unbuckle my seatbelt and dive into the front seat. I catch the fly in mid-air.

'HOWZAT?' I yell.

I'm lying with my head in Mum's lap and my legs all over the steering wheel.

Dad slams the brakes on. The car lurches forward.

'Get out!' he says.

'But it's not my fault,' I say. 'It was the fly.'

'I don't care whose fault it was,' he says. 'Out!'

'But look!'

I open my hand to show Dad the fly and prove that I'm not lying, but my hand is empty. It must have swerved at the last minute. Outsmarted by a fly! I hate that.

'Out,' says Dad.

Surely he can't be serious.

'I'm sorry, Dad . . . I was just trying to get the fly out of the car . . . in case it caused an accident . . .'

'You're the only one who is going to cause an accident,' he says. 'Out.'

'Mum?' I say. 'Are you going to let him do this?'



HARMONIOUS
HAPPY
HOLIDAY
TIP #4:
When you
fill up with



I'd love
to play the
fly in the
movie of this
book.



I could be
the new
Michelle
Flyffer!



KING
PONG





Marlborough Primary
Academy

Class
4/5B

Home Learning

Date
20/01/21

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: Explanations

WALT: write an introduction to an explanation.

Our English lesson starts at 10:30 on zoom. I will send a message through class dojo just before we get started.

We are going to continue building our explanation by writing the stages of an apple's life cycle in order. Join the class zoom and write your own. We are going to use lots of sequencing conjunctions to write sequenced steps.

MATHS

WALT: solve multiplication and division problems involving the number 7.

There is no video for this lesson.

There will be a class maths zoom at 9:30.
Join the zoom to learn how to solve the trickier problems in today's work.

Reading: Andy Griffiths

Just Annoying

Enjoy reading part 3!

Join the English zoom. At the end, I will read the story and you can follow in your own text.

This is morning maths

Solve these problems using written or mental methods.

If you get stuck send me a dojo message!

$4816 + 2910$	17×100	Round 7218 to the nearest 1000.
$7219 - 1998$	$450 \div 10$	Find $\frac{3}{4}$ of 200

1 Complete the sentences.



There are triangles.

There are sides on each triangle.

$$7 \times 3 = \square$$

There are sides altogether.



There are octagons.

There are sides on each octagon.

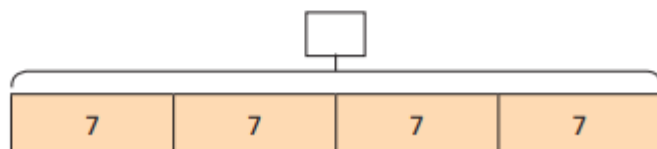
$$\square \times \square = \square$$

There are sides altogether.

2 There are 7 players in a netball team.

a) How many players are there in 4 netball teams?

Label the whole on the bar model

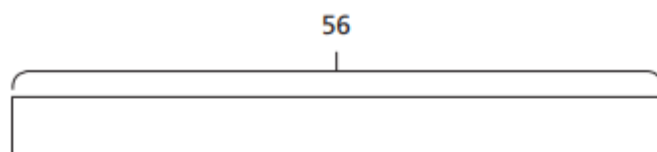


Complete the sentences.

$$\square \times \square = \square$$

There are players in 4 netball teams.

b) If there are 56 players, how many full teams are there?



c) How many players are there in 9 netball teams?

3 Complete the sentences.

a) 1 week has days.

c) weeks have 70 days.

b) 5 weeks have days.

d) weeks have 63 days.

4 The Patel family went on holiday for 6 weeks.
The Logan family went on holiday for 40 days.
Who went on holiday for the longest?
How do you know?

5 Write two multiplications and two divisions represented by the array.



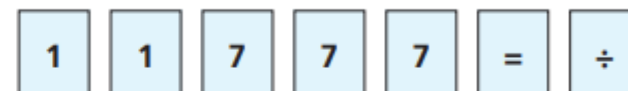
6 A flower has 7 petals.
How many petals are there on 6 flowers?

7 A computer mouse costs £7

A keyboard costs 6 times as much as the mouse.

How much does a mouse and a keyboard cost in total?

8 Use the cards to write a division calculation.



How many different divisions can you write?

Can you use all of the cards?

9 Use counters to make an array to show 3×5 and 3×2
How can you use these arrays to work out 3×7 ?
Talk about it with a partner.

English: Explanations

Today we are going to sequence the stages in the apples life cycle.

For each stage, we will use a sequencing conjunction.

How many do you know? Fill in the gaps in this table with all the sequencing conjunctions you know.

First			
		Finally	Now

In your green book, write steps of the apple life cycle in order.

You might like to look back at the diagram from Monday to remember each stage.

'It's for your own good,' she says. 'You've got to learn.'

I open the door.

'You'll be sorry,' I say, 'when you come back and find my bones being picked clean by vultures.'

'There are no vultures in Australia.'

'Kookaburras then.'

'Shut the door,' says Dad. 'You're letting the hot air in.'

There's no reasoning with him.

I get out of the car and shut the door slowly.

The wheels of the car spin. I am showered by gravel. I wipe the grit out of my eyes and look for the car. It's gone.

I look down at my shoes. There is a big red bull ant on my toe. I brush it off. Maybe I should try to catch it. I might need it for food.

Nah. I won't have to eat ants. They'll be back. Any second. Five minutes tops. Just enough to give me a scare.

I start walking.

Actually, it's quite nice. Fresh air. Blue sky. Space. No grumpy parents.

Five minutes pass.

Another five minutes.

And another five minutes.



Where are they?

I sit down.

I should just lie down and die—that would teach them.

The only trouble is that it could take a while because I'm actually feeling pretty healthy.

I hear a droning sound in the distance.

Ha! I check my watch. It took them fifteen minutes to give in and come back and get me. That's really going to teach me a lesson I'll never forget. Not.

But as I listen I notice the drone has a different quality. Throatier. Not the putty-putt-putt sound of Dad's car at all.

It's Bike-man!

I jump up and wave.

He waves back and pulls up alongside me.

He looks even crazier close up. His beard is full of insects. Some of them are still alive.

'Well,' he says, 'if it isn't my little mate. What are you doing out here all by yourself?'

'My parents threw me out of the car,' I say. 'They told me I had to walk.'

'You like bikes?' he says.

'Are you kidding?'

'Hop on then,' he says. 'What's your name?'

'Andy. What's yours?'



Tricks to play on a biker when he/she is not looking

1. Squirt silicon in their helmet, so it sticks to their head... permanently.

2. Stick potatoes up their exhaust pipes.

3. Fill their tyres up with water.



Don't worry bikies never get annoyed.



DO BIKIES HAVE A SENSE OF HUMOUR?



So, Mr Einstein,
a more
COMPLEX
QUESTION!...
would you
rather be a
passenger
in a car
driven
through
space
by....



1... a foul
smelling,
shortsighted
asthmatic
lemur or
2... a
mad
middle-aged
mongoose
with loose
dentures.



'Max. Pleased to meet ya!'

He hands me a helmet.

'Here,' he says. 'Put this on.'

It's just like the one he's wearing.

'Hold on,' he says.

'To what?' I yell, but he doesn't hear me
above the chugging of his bike.

He gives it full throttle.

My stomach drops as he accelerates up
the road.

I grab him around the waist.

Roaring wind. My whole body shaking
and vibrating. I'm freezing. I wish I had more
clothes on.

I see Mum and Dad's car in the distance.

'That's them!' I yell into Max's ear.

Max surges forward, the old Harley suck-
ing up the highway like spaghetti.

As we pull closer to the car I signal to Max
to blow his horn to let them know I'm here.

He blasts. I wave. But they don't stop. If
anything they seem to speed up.

Maybe Dad thinks Max is just trying to
hassle him. They probably don't recognise
me with a helmet on.

'Max!' I yell. 'Go up next to them. I don't
think they realise it's me.'





Marlborough Primary
Academy

Class
4/5B

Home Learning

Date
21/01/21

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: Explanations

WALT: use sequencing conjunctions to order the steps of an explanation.

Our English lesson starts at 10:30 on zoom. I will send a message through class dojo just before we get started. We are going to edit and improve our text today by adding causal conjunctions and a great concluding sentence.

MATHS

WALT:

Watch the video then have a go at the work in the booklet.

<https://vimeo.com/491109801>

There will be a class maths zoom at 9:30. Please watch the video and do your morning maths first.

Reading: Andy Griffiths

Just Annoying

Enjoy reading part 4!

Join the English zoom. At the end, I will read the story and you can follow in your own text.

This is morning maths

Solve these problems using written or mental methods.

If you get stuck send me a dojo message!

$10,526 + 14,915$	$462 \times 0 \times 5$	Round 3921 to the nearest 100.
$8000 - 629$	$70 \div 2$	Find $\frac{2}{3}$ of 180

- 1 Tommy is making arrays using counters.

a) Complete the multiplications.



$2 \times 5 = \square$



$2 \times 5 = \square$



$2 \times 5 = \square$

b) Use your answer to part a) to complete the multiplication.

$3 \times 2 \times 5 = \square \times 5 = \square$

- 2 Use counters or cubes to complete the calculations.

a) $2 \times 4 \times 5$ b) $3 \times 5 \times 4$ c) $2 \times 5 \times 8$

Is there a quick way to complete each calculation?

Talk about it with a partner.

- 3 Complete the multiplications.

a) $3 \times 4 \times 5$ d) $3 \times 5 \times 4$
b) $2 \times 3 \times 8$ e) $3 \times 6 \times 10$
c) $2 \times 4 \times 7$ f) $2 \times 5 \times 12$

- 4 Is each statement true or false?

$7 \times 8 = 7 \times 4 \times 2$

$3 \times 2 \times 8 = 5 \times 8$

$12 \times 4 = 2 \times 4 \times 6$

$2 \times 7 \times 4 = 4 \times 7 \times 2$

Compare answers with a partner.

- 5 Here are some digit cards.



a) Use the digit cards to create a multiplication and work out the answer.

$\square \times \square \times \square = \square$

b) How many different multiplications can you create?

What do you notice about all of your answers?

- 6 Eggs are put in boxes in arrays of 2×3

Dani buys 12 boxes.

How many eggs does she buy altogether?

Dani buys 5 more boxes.

How many eggs does she have now?



- 7 a) Write 30 as the product of 3 numbers. $\square \times \square \times \square = 30$

b) How many different ways can you write the multiplication?

- 8 Kim rolls three 6-sided dice.

The product of her numbers is 60

a) What numbers could she have rolled?

b) How many different ways could Kim have made 60?

Talk about it with a partner.

c) Roll three dice and find the product of the numbers you roll.

- 9 In the library there are 5 bookcases.

Each bookcase has 4 shelves.

On each shelf there are 12 books.

How many books are there in the library?



English: Explanations Class 45SB will work through these together during the English Zoom at 10:30. The link and codes will be posted on the class story just before the lesson.

Today, we are going to work on the text of our explanations. We are going to use causal conjunctions to develop our explanations beyond a simple series of stages.

Causal conjunctions:

because	therefore	consequently	now that	yet
as a result of	even though	since	as	hence

Try and use these to explain how germination is caused, what causes the sapling to grow and what is caused by insects visiting the blossom.

We are also going to create a 'now' sentence as a conclusion to our text.

Try completing this sentence:

Now the apples are ripe, ...

The sentence should bring us back to the start of the life cycle.



Max pulls up alongside them.

I wave.

Dad just looks straight ahead.

'Hey,' I yell. 'Stop!'

No reaction.

I wave both hands.

Dad flicks a nervous glance across at me, but he doesn't show any sign of recognition. Instead he hunches over the wheel and pulls away from us at high speed. Wow! I never knew the car could go so fast. If Dad always drove like that, I wouldn't have so much time to get bored.

Max accepts the challenge. He speeds up, but Dad veers onto the other side of the road to block us. Radical!

But Max knows a few tricks, too.

Max pulls back in and rides up the side of the road that Dad has just vacated.

We're back beside them—on the inside lane this time.

Max turns to me and yells above the roar: 'They're not going to stop! You're going to have to board 'em.'

He's joking.

He's got to be. Either that or he's completely insane.



Aaah. Aah
AHHHH
Choooo!!



SPOT THE DIFFERENCE
How many changes are there between picture A and B.



A. B.
For answer see p. 12



'No way!' I yell. 'I'm staying with you.'

'Stand up,' he says. 'I'll go in as close as I can.'

He's not joking.

He rides right up beside the car and signals for me to stand.

I kneel on the seat. I hold on to Max's shoulders and pull myself up. My legs are shaking.

There's still a huge gap.

'It's too far!' I yell.

Max edges in as close as he dares.

The roof is only a metre away.

My stomach is churning.

I don't want to do this.

I'm too young to die!

I bend down.

'I can't do it,' I yell in Max's ear.

'You have to,' he growls.

'Why can't I stay with you?' I say. 'I'll be your apprentice.'

He laughs.

'Highway's no place for a nice kid like you. Go back. Finish school.'

'I'm not nice,' I say. 'I'm really annoying.'

He laughs again, a scary, high-pitched sort of laugh.

'Jump,' he says.

He has a wild look in his eyes. Maybe



12

staying here is not such a great idea after all.



I stand up again. This is freaky.

I take a deep breath. I close my eyes. Clench my fists. I don't know what good clenching my fists is going to be in this situation—but it feels like the right thing to do.

Goodbye cruel world.

The wind picks me up and sends me hurtling sideways.

Thump!

I land on the car roof. I made it!

Dad starts swerving all over the road. He's trying to shake me off.

I've got to make him realise it's me.

I bang on the roof. Dad swerves harder.

I have an idea.

I edge forward, fingers spread as far apart as they will go.

One mistake and I'm gone.

If I can just let him see it's me he'll slow down.

I push myself down in front of the wind-screen.

Mum and Dad freak. Eyes wide. Mouths open.





Marlborough Primary
Academy

Class
4/5B

Home Learning

Date
22/01/21

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: Explanations

WALT: create a diagram to support an explanation.

Our English lesson starts at 10:30 on zoom. I will send a message through class dojo just before we get started.

Today, we will be creating a diagram to add to our explanations.

MATHS

WALT: find factor pairs.

Watch the video then have a go at the work in the booklet.

<https://vimeo.com/491282075>

There will be a class maths zoom at 9:30. Please watch the video and do your morning maths first.

Reading: Andy Griffiths

Just Annoying

Enjoy reading part 5!

Join the English zoom. At the end, I will read the story and you can follow in your own text.

This is morning maths

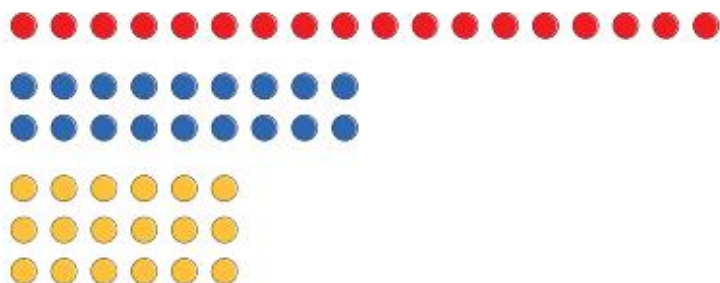
Solve these problems using written or mental methods.

If you get stuck send me a dojo message!

$75,800 + ? = 76,000$	$2 \times 5 \times 52$	Round 8992 to the nearest 100.
$14 - 16 =$	$764 \div 764$	Find $\frac{1}{4}$ of 64

1 Alex is making arrays using counters.

a) What calculation is represented in each array?



b) Use your answers from part a) to help you write all the factors of 18

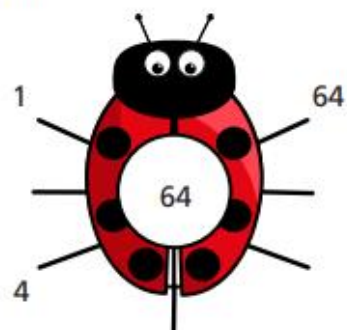
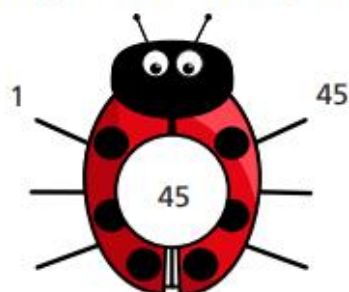
2 Use counters to make arrays and find the factor pairs for each number.



a) 12 b) 15 c) 24

Which of the numbers has the most factor pairs?

3 Complete the factor bugs for 45 and 64



4 Find all the factor pairs for the number 72

5 Are these statements true or false?

8 and 2 are both factors of 10

5 and 50 are both factors of 50

25 has only three factors.

All the factors of 15 are odd.

Talk about your answers with a partner.

6



The bigger
the number the more
factor pairs it has.

Use examples to show that Dexter is wrong.

7 Tommy is finding factors of 12 and 18

12 and 18
have the same number
of factor pairs.



a) Is Tommy correct?

Explain your answer.

b) Find two other numbers with the same number of factor pairs.



8 Class 4B is having a sports day.

There are 36 children in the class.

The children need to be in equal groups.

What group sizes are possible?

9 Rosie is investigating factor pairs.

6 is a perfect number
because when you add its
factors together, apart from
itself, they equal 6



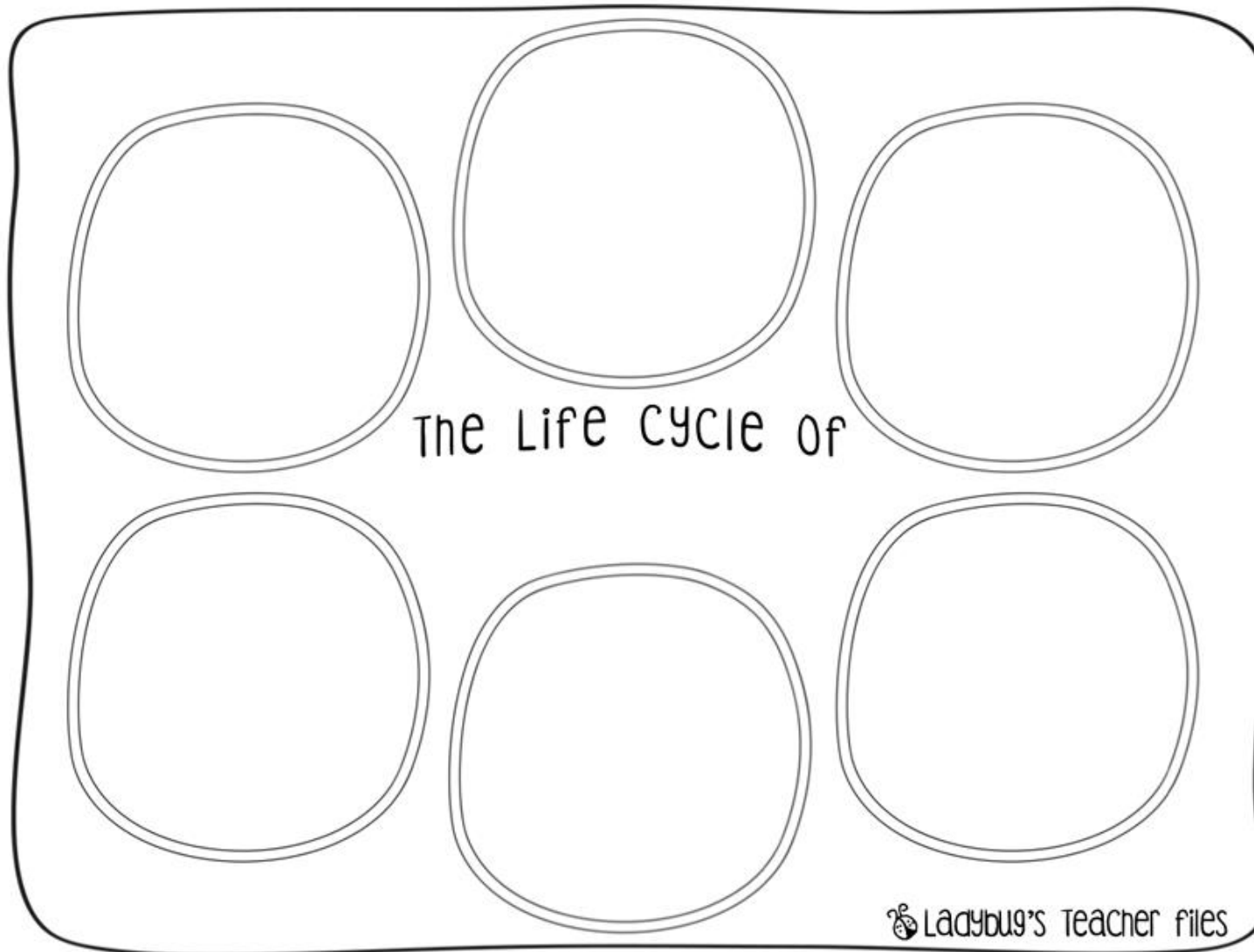
What is the next perfect number after 6?

English: Explanation

Class 45SB will work through these together during the English Zoom at 10:30.

The link and codes will be posted on the class story just before the lesson.

Your task today is to use this template to create your own lifecycle diagram to go with our text. Add technical vocabulary to label the diagram. Add arrows to show how each stage of the life cycle leads on to the next.



WHEN TRAVELLING TO HOLIDAYS WITH A COW ON YOUR ROOF



ALWAYS:

A STOP EVERY 2 HOURS TO GIVE THE COW EXERCISE.

B STOP EVERY 8 HOURS TO MILK THE COW.

C ENGAGE THE COW IN REGULAR CONVERSATION.

D FEED IT YOUR LITTLE BROTHER'S CHIPS.

E GIVE IT A BLANKET, IT MAY BE FRIESIAN.



F ALLOW IT TO CALL HOME REGULARLY.

Suddenly I go flying forward.

Dad has slammed on the brakes.

I flip over onto my back and grab the aerial to stop myself sliding off the bonnet onto the road.

The car stops.

I'm lying on my back staring up at the sky. Panting hard. It's over.

Mum and Dad get out.

I take off my helmet.

'This is the limit, Andy! The absolute limit!' says Dad. 'What are you trying to do—get yourself killed?'

More dumb questions.

'No,' I say. 'I was trying to get back into the car. You threw me out, remember?'

'Yes,' says Dad. 'To teach you a lesson.'

'What sort of lesson is that?' I say. 'To abandon me in the middle of nowhere with no food, no drink, no map and no sunscreen.'

'We were going to come back,' he says, throwing a glance at Mum. Her cheeks go crimson.

'When?' I say. 'On your way home?'

He looks sheepish.

'We were about to come back and get you when the biker started chasing us. I was trying

to lead him as far away from you as possible. Some of these characters can be pretty dangerous, you know.'

I get into the car.

'I don't want to hear any more excuses, Dad,' I say. 'You tried to get rid of me. You failed. Let's go.'

'We were going to come back,' says Dad. 'Honest.'

He starts the engine. He's feeling bad now. He should be.

We pull out onto the road.

There's an enormous noise outside the car. It's Max. He's riding alongside us. I wind down the window and toss the helmet to him. He catches it with one hand, gives me a big grin and then rockets off into the distance.

I lean back and sigh. Max is cool. Loony, but cool.

I'm winding the window back up when I see the fly.

It's sitting right on top of Dad's head.

'It's all your fault,' I say quietly. 'I've been abandoned. Almost missed out on my holiday. Risked my life. It's all your fault—and you're going to pay.'





I sit up close behind Dad. I hold my hands just above his head, ready to smash the fly.

It jumps.

The movement distracts me. I clap Dad over both ears instead.

Oops.

His knuckles whiten.

'Dad, I'm sorry—it was a mistake. See, I was trying to . . .'

Dad stops me.

'It's okay, Andy. You don't have to explain.'

'I don't?'

'No. We all make mistakes.'

Oh, I get it. Mum and Dad won't try to put me out of the car again. No matter what I do. They've used their biggest threat and it didn't work. It just made them feel bad.

I sit back in my seat and relax. I close my eyes.

I can do anything now. Anything I want. This might not turn out to be such a boring trip after all. I just have one question.

'Dad?' I say.

'Yes?'

'Are we there yet?'



OK, OK.
I give up.
So what
was it.
N.W.
You win
N.W.

N.W. The
NYLON
WASHER
under the
nut that
holds the
seat to the
floor under
the carpet,
just here
under my
foot.
My turn
again.



(Note: Never
play I SPY
in a car
with a
7 year old.)