Marlborough Primary Academy

Home Learning

Class 3M

Week Beginning

29/06/2020

	Marlborough Primary Academy	Class 3M	Home Learning Day 1	Date 29/6/20

Daily activities – 5 a-day!

1) TTRockstars – 30 minutes

2) Morning maths

3) Independent Reading – 30 minutes

4) Spelling – 20 minutes

5) P.E. – Joe Wicks workout

English

Reading

Carefully look at the picture (Vibrant Summer) and answer the questions. Write the answers in your English book.

Maths

Right Angles in Shapes

Watch the video, complete the activities and check your answers.

Video
Worksheet
Answers

STEM/Creative

Drawing: How many different things can you turn a simple square into?
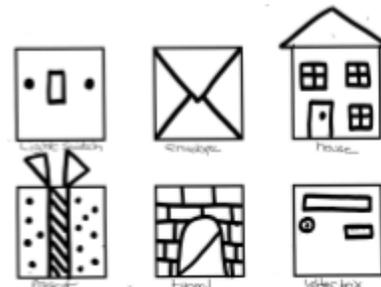
Draw some squares on a sheet of paper and see how many different things you can make. Can you find 6 different things? 12? 24? Share your artwork on your portfolio.

Vibrant Summer

1. Identify ONE question you would like to ask about this scene.

2. How does this photo make you feel and why?

3. How is the woman feeling and why do you think that?

4. State TWO facts and TWO opinions about this photo.

5. What is happening in this picture?

6. List 5 different things you can see in this photo – be descriptive!

7. Which word do you think best describes this scene and why? Vibrant, calm or busy.

8. Would you show this image to someone else? Why/why not?

9. Where might this picture have been taken?

10. Why might this woman be taking photos? Think of as many different plausible reasons as possible.

1 There is at least one right angle in each picture.

Mark the right angles on the pictures.

The first one has been done for you.

a)

d)

b)

e)

c)

f)
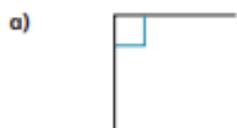
Compare answers with a partner.

2 A rectangle has four right angles.

Mark the right angles on the rectangle.

3 Alex and Jack are identifying right angles.

Both of the angles are right angles.

Alex

I disagree. The first one is a right angle but the second one is a left angle because it is on the left of the line.

Jack

Who do you agree with? _____

Talk about it with a partner.

4 Dexter is facing north.

He turns a quarter turn.

This is the same as one right angle.

N
W   E
S
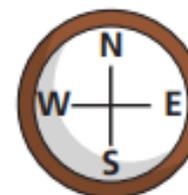
Do you agree with Dexter? _____

Talk about it with a partner.

5 Complete the sentences.

A quarter turn is equal to [ ] right angle.

A half turn is equal to [ ] right angles.

A three-quarter turn is equal to [ ] right angles.

A full turn is equal to [ ] right angles.

6 Draw the right angles on each shape.

a)

c)

b)

d)

7 Look at the number of right angles in each shape.

Sort the shapes into the table.

A   C   E   G

B   D   F   H
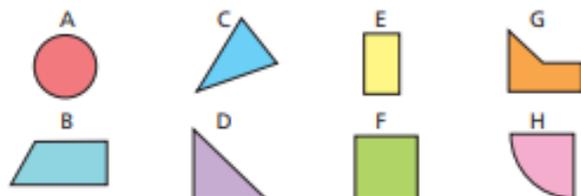
0 right angles	1 right angle	2 right angles	3 right angles	4 right angles

8 Teddy and Whitney are identifying right angles.

Teddy: I can see five right angles.

I can see six! Whitney
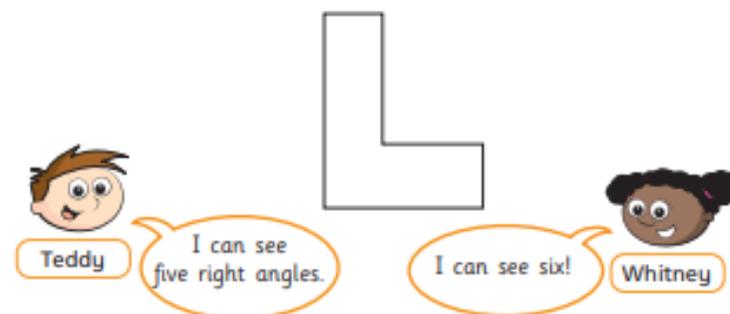
Who do you agree with? _____

Draw on the shape to show your thinking.

9 How many right angles can you find in the picture?

Mark them on the picture.
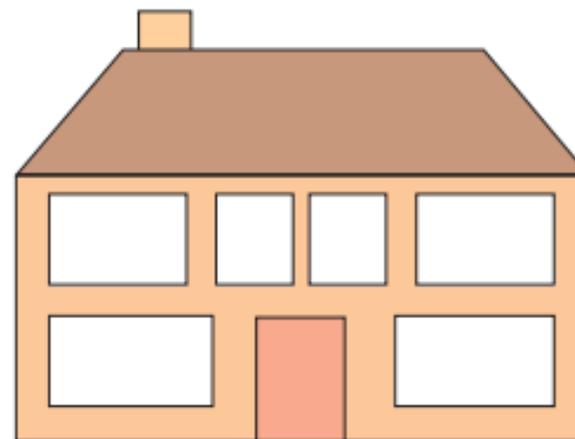
Create your own problem like this for a partner.

	Marlborough Primary Academy	Class 3M	Home Learning Day 2	Date 30/6/20

English

Vocabulary

Write the definitions for each word. You can use the internet or a dictionary to help you.
Challenge: Write 3 sentences including these words.

Maths

Compare angles

Watch the video, complete the activities and check your answers.

Video
Worksheet
Answers

STEM/Creative

Reading den: Build yourself a reading den. It could be inside or outside. Will you name your den? Will you take any supplies? What will you read first inside? Share a photo of your den on your portfolio.

Write the definitions for each of these words. Use a dictionary to help you.

|	
sunlight	
camera	
market	
vegetables	
parasol	
vacation	
relax	
vibrant	
stalls	
lens	

Compare angles

1 Here are some angles.

a) Circle the angle that is greater than a right angle.

b) Circle the angle that is less than 90 degrees.

2 Draw three different angles that are less than a right angle.

Compare answers with a partner.

Complete the sentence.

These are all examples of _____ angles.

3 Draw two different obtuse angles.

Compare answers with a partner.

Complete the sentence.

Obtuse angles are greater than [   ] degrees

but less than [   ] degrees.

4 Is the angle between the hands of the clock acute or obtuse?

a)

_____

b)

_____

5 Here is a piece of wallpaper.
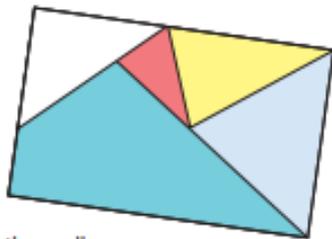
a) Mark two right angles on the wallpaper.
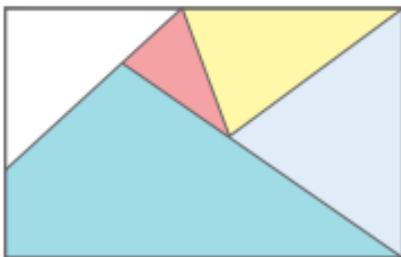

b) Mark four acute angles on the wallpaper.
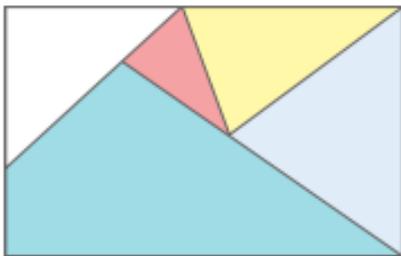
c) Mark two obtuse angles on the wallpaper
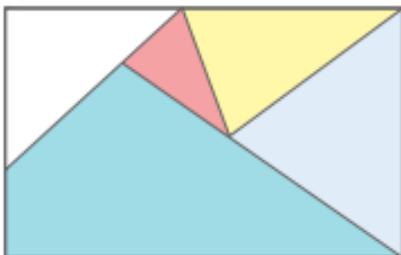
6 Write <, > or = to compare the sizes of the angles.

a)

b)
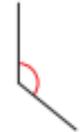
c)

7 Draw a shape that has one right angle, two acute angles and one obtuse angle.
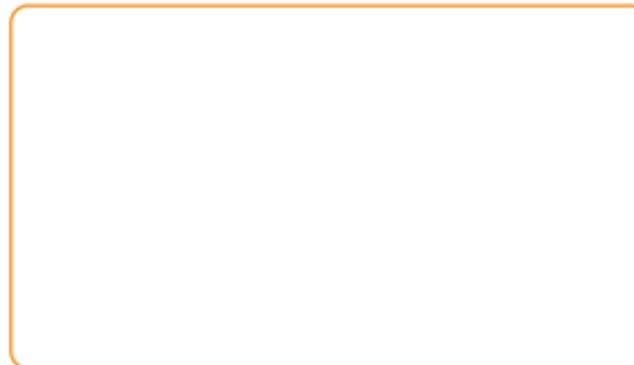
Compare answers with a partner.

What is the same and what is different about your shapes?

	Marlborough Primary Academy	Class 3M	Home Learning Day 3	Date 1/7/20

Daily activities – 5 a-day!

1) TTRockstars – 30 minutes

2) Morning maths

3) Independent Reading – 30 minutes

4) Spelling – 20 minutes

5) P.E. – Joe Wicks workout

English

SPAG

Remind yourself of the different types of words. What types of words are underlined in the sentences below? Why? Challenge- Look at the new words you learned yesterday. What types of words are these?

Maths

Horizontal and vertical

Watch the video, complete the activities and check your answers.

Video
Worksheet
Answers

STEM/Creative

Computing: Complete the 2Do on Purple Mash.

2Go

Types of Word

What type of word is underlined in the sentences below?

Danny <u>scored</u> a fantastic goal today.		The girl wore a <u>red</u> jumper.		They sounded like a <u>herd</u> of elephants.	
an adjective	☐	an adverb	☐	an adjective	☐
a verb	☐	a verb	☐	a noun	☐
an adverb	☐	an adjective	☐	an adverb	☐
a noun	☐	a noun	☐	a verb	☐
The woman smiled <u>happily</u> at her son.		The lonely man felt great <u>sadness</u>.		Michael <u>loved</u> his brother David.	
a verb	☐	an adverb	☐	an adverb	☐
an adverb	☐	a verb	☐	an adjective	☐
an adjective	☐	an adjective	☐	a verb	☐
a noun	☐	a noun	☐	a noun	☐

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an adjective	☐	an adverb	☐	an adjective	☐
a verb	✓	a verb	☐	a noun	✓
an adverb	☐	an adjective	✓	an adverb	☐
a noun	☐	a noun	☐	a verb	☐

The woman smiled <u>happily</u> at her son.		The lonely man felt great <u>sadness</u>.		Michael <u>loved</u> his brother David.	
a verb	☐	an adverb	☐	an adverb	☐
an adverb	✓	a verb	☐	an adjective	☐
an adjective	☐	an adjective	☐	a verb	✓
a noun	☐	a noun	✓	a noun	☐

	Marlborough Primary Academy	Class 3M	Home Learning Day 4	Date 2/7/20

Daily activities – 5 a-day!

1) TTRockstars – 30 minutes

2) Morning maths

3) Independent Reading – 30 minutes

4) Spelling – 20 minutes

5) P.E. – Joe Wicks workout

English

SPAG 2- Change the sentence types

Rearrange the words to make a different type of sentence. Remember to use the correct punctuation. Write these in your English book.

Maths

Parallel and perpendicular lines

Watch the video, complete the activities and check your answers.

Video
Worksheet
Answers

STEM/Creative

When plants make seeds to grow into new plants, they are spread far away from the plant. But how do plants spread their seeds? Find out as much as you can about how seeds travel away from plants. Make a poster to show the different ways seeds travel. Here's a couple of pictures to get you thinking!

Change the Sentence Types

Rearrange the words in the questions below to make statements.
Do not use additional words.
Remember to punctuate your sentences correctly.

Will Georgie tell us her news?	Is Elliot staying for dinner?
Is it too far to walk to the shops?	Is the car in the garage?
Is it hotter during the day?	Is that my water bottle?

Change the Sentence Types

Rearrange the words in the questions below to make statements.
Do not use additional words.
Remember to punctuate your sentences correctly.

Is this book yours?	Will the train arrive early?
This book is yours.	The train will arrive early.
Are there games for the children?	Are there many flights leaving today?
There are games for the children.	There are many flights leaving today.
Are you cold?	Do you want a drink?
You are cold.	You do want a drink.

Change the Sentence Types

Rearrange the words in the questions below to make commands.
You may not need to use all of the words. Do not use additional words.
Remember to punctuate your sentences correctly.

Can you tell me the right way to go?	Can you tie your shoe lace?
Will you bring an extra suitcase?	Shall we go the park this afternoon?
Will you do your best in the test?	Can you remember to ring your mum tomorrow?

Change the Sentence Types

Rearrange the words in the questions below to make statements.
Do not use additional words.
Remember to punctuate your sentences correctly.

Are there some apples left for an apple pie?	Is this the right method to use?
There are some apples left for an apple pie.	This is the right method to use.
Will you be at swimming tonight?	Are these the right directions to the cinema?
You will be at swimming tonight.	These are the right directions to the cinema.
Is there another way I can go?	Is it warm enough to eat ice-cream?
There is another way I can go.	It is warm enough to eat ice-cream.

Parallel and perpendicular

1 Tick the pairs of lines that are not parallel.
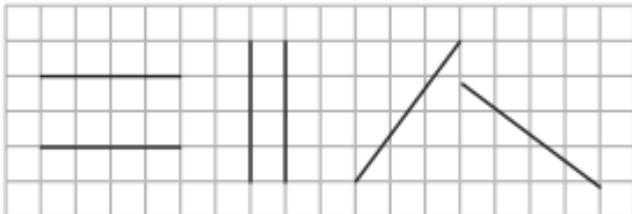
2 Here are two lines.

Draw a line that is parallel to each.

a)
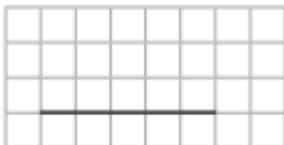
b)
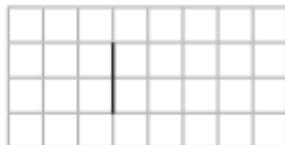
3 Amir says that the lines are not parallel because they are different lengths.
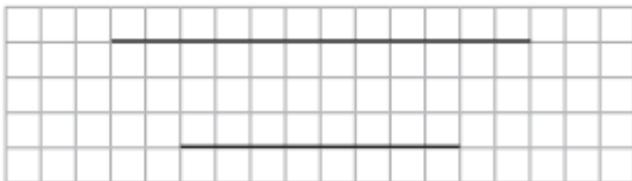
Is Amir correct? _____

Why?

4 a) Here is a line. Draw a line that is **not** parallel to it.

b) Here is a line. Draw a line that is parallel to it.

5 Here are two lines.

Draw a line that is parallel to each.

a)
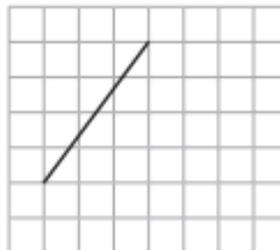
b)

Talk to a partner about how you did it.

6 Tick the perpendicular lines.
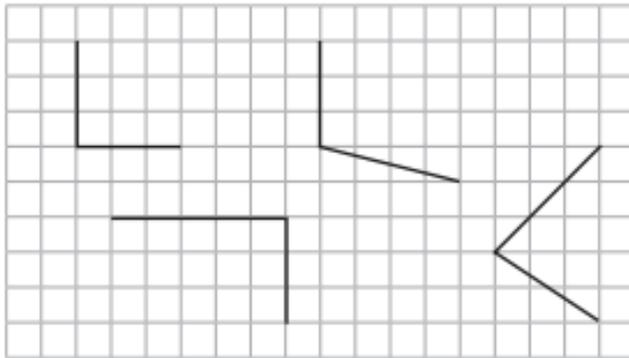
7 Here are two lines. Draw a line that is perpendicular to each.

a)
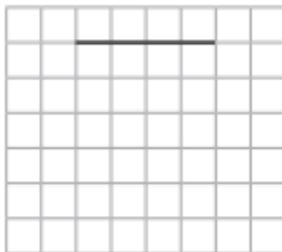
b)
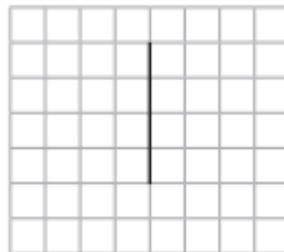
8 Alex has drawn some lines on grids.

a)

The lines are not perpendicular because they don't meet.

Do you agree with Alex? _____

b)

The lines are parallel because they don't meet.
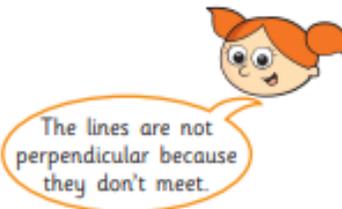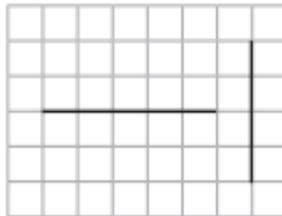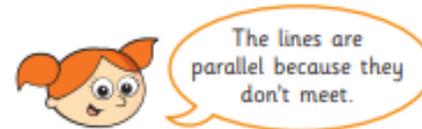
Do you agree with Alex? _____

Talk about your answers with a partner.

9 Five lines are drawn on the grid.

A   C   E
B   D
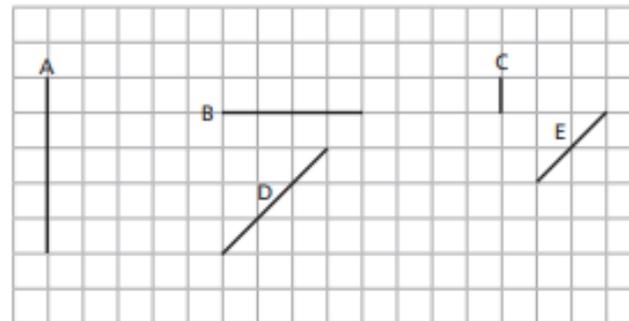
a) Which two pairs of lines are parallel?

_____

b) Which two pairs of lines are perpendicular?

_____

	Marlborough Primary Academy	Class 3M	Home Learning Day 5	Date 3/7/20

Daily activities – 5 a-day!

1) TTRockstars – 30 minutes

2) Morning maths

3) Independent Reading – 30 minutes

4) Spelling – 20 minutes

5) P.E. – Joe Wicks workout

English

Big Write.
Look at the picture, think about the questions and then continue the story in your English book. Do your sentences include lots of different types of words- adverbs, adjectives? Is it punctuated correctly?

Maths

Friday challenges!

How many challenges can you complete? Remember each one gets more difficult.

Challenges
Answers

STEM/Creative

Create a poster to show everything you have learned about plants. You could make a mind map, a fact page or something else. I look forward to your posts on your portfolio showing off your knowledge!

The House in the Rainforest

Story starter!

Hidden deep in the Malaysian rainforest, is a house. Not an ordinary house of course...

Questions to think about:

Do you think the house in the image is actually in the Malaysian rainforest?

Which continent is Malaysia in?

If you were to stumble into the Malaysian rainforest, what plants and flowers might you come across?

What creatures might you come across?

Who might live in a house like this? Explain your answer.

Living in this house in the rainforest would be very different to living in a house in a city. Why?

If you lived in the Malaysian rainforest, what might a typical day be like for you and your family?

Challenge 1

Here is a toy car and bus.
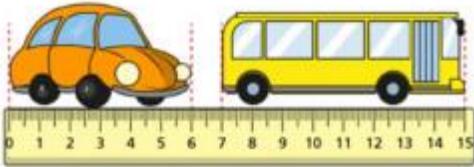
How much longer is the bus than the car?

Challenge 2

Here are 3 beanbags.

They are placed on a seesaw.

Which beanbag is the heaviest?

Challenge 3

Amir is dividing a 2-digit number by 3.

His answer is a whole number.

2 $\square$ **÷** **3**

What could the missing digit be?

Challenge 4

Lewis makes a repeating pattern with some shapes.

Lewis repeats the pattern.

What is the shape in the **50th** position?

Challenge 5

A large rectangle is made up of smaller rectangles, labelled A and B.

60 cm

| A | A |
| B | B | B |
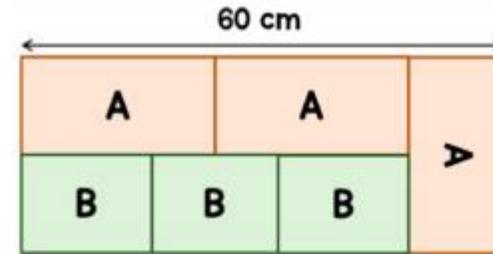
The length of A is double the width of A.

Find the area of one of the rectangles labelled B.

Challenge 6

Mina buys 3 pizzas and a bottle of cola.
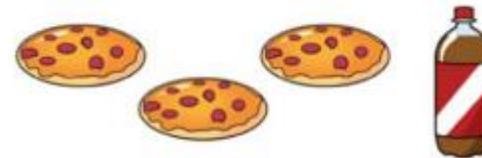
A pizza costs £3.20 more than a bottle of cola.

The total cost of the items is £19.40

How much does a pizza cost?

Challenge 7

A barrel is half full with water.

12 litres of water are poured out.

The barrel is now $\frac{1}{5}$ full.

How much water does the barrel hold when full?

Challenge 8

Work out the following without a calculator.

$$\frac{10 + 20 + 40 + 80 + 160 + 320 + 640}{2 + 4 + 8 + 16 + 32 + 64 + 128}$$

Explain your method.

Challenge 9

ABC is a right-angled triangle.

Part of the triangle has been shaded.
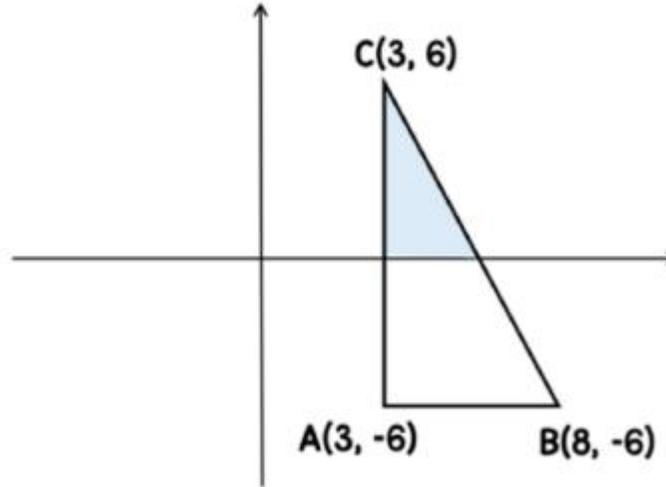
What fraction of the triangle is shaded?

Challenge 10

In a test Freya scores 25% more marks than Eva.

Eva scores 50% more marks than Dominic.

In total the three children score 140 marks.

The test is out of 80.

What percentage does Dominic score in the test?