Friday 15th May

Hello year 5,

Welcome to another week of home learning, we can't believe we are going into week 8 of staying at home! We hope you are all well and are being kind to each other. As always you can complete the tasks in any order and all the answers are provided at the back of the presentation so you can self-mark (no cheating though!).

Please remember that you are more than welcome to print off the presentation but you **do not** need to, you can just use it from a screen and then write your answers down either in your homework books or on a piece of paper. The message we're sending to you all (including your adults) is: "Do what you can, when you can and don't put too much pressure on yourselves." As always it is also important to take the time to relax, exercise and to be kind to yourselves and everyone else in your house.

We are missing you all and look forward to hopefully seeing you all again soon,

Miss Savage and Mrs Montgomery

Remember to read at home!

You should be aiming to read for **_at least 20 minutes every day_**.

Remember, you can now take 'Accelerated Reader' quizzes from home by using this link [Howley Grange Renaissance at home](#) and logging on as usual using your username and password.

To check that the book you are reading has a quiz, you can check it using [Accelerated Reader Bookfinder](#). It's okay to read books which haven't got a quiz – just keep a record of what you have read.

Keep reading and exploring new worlds and adventures!

DAILY PHYSICAL EXERCISE

Do you remember Pokémon yoga? We know how much you enjoyed it, so here's the YouTube link:
https://www.youtube.com/watch?v=tbCjkPlsaes
Or
Go to the 'Cosmic Kids' channel on YouTube and choose a different yoga program, there are loads from Minecraft to Stars Wars. Remember yoga can enhance strength, co-ordination and flexibility, while encouraging body awareness and self-esteem. Why not give it a go?
https://www.youtube.com/playlist?list=PL8snGkhBF7nh7p25Xj BHvwrhttb3zBlxk

On YouTube you can search for lots of different 'Just Dance' videos using the link below.

Why not select a few of your favourite songs and learn the routines for them?

https://www.youtube.com/user/justdancegame

MATHS

10-4-10

1. $2.45 \div 10 =$

2. $4^3 =$

3. $2470 - 1867 =$

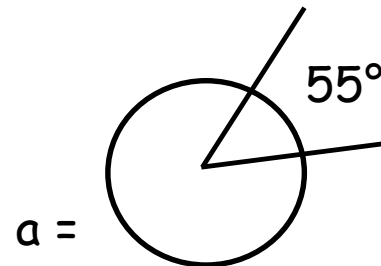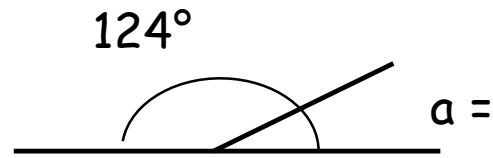4. $5624 \times 5 =$

5. $46.50 - 34.5 =$

6. Factors of 20 =

7. £30.50 - £9.95 =
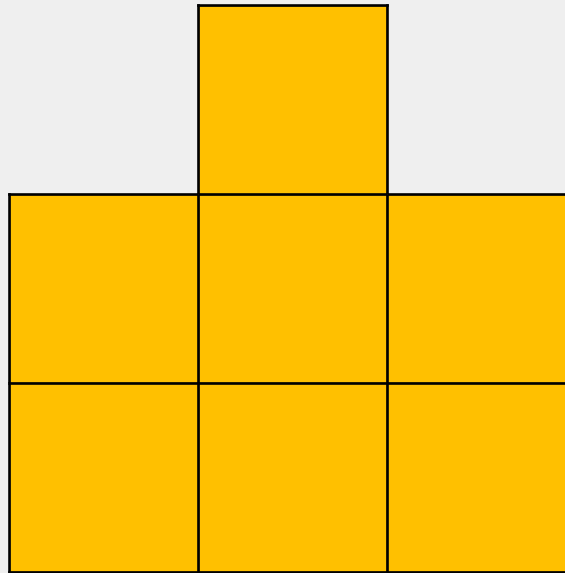
8. $10^2 =$

9.

124°

a =

10.

55°

a =

MATHS

WALT: solve problems involving perimeter.

Use the following slides to have a go at some problem solving activities involving perimeter. Think back to what we learnt yesterday.
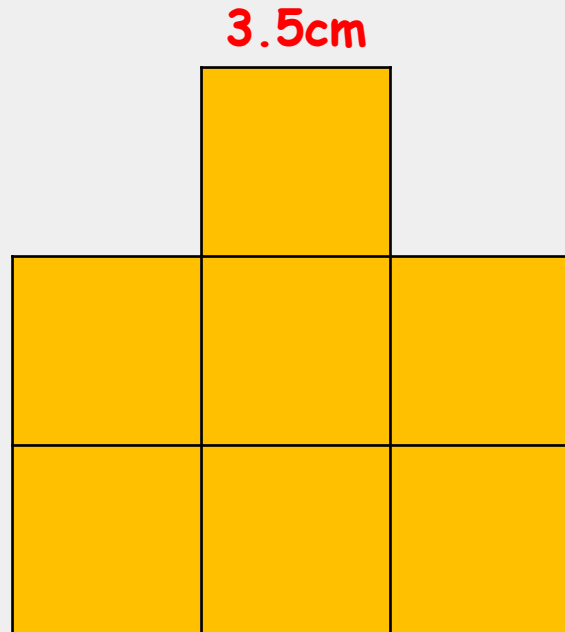
This shape has been made using identical squares. One square has a perimeter of 14cm. What is the perimeter of the whole shape?

This shape has been made using identical squares. One square has a perimeter of 14cm. What is the perimeter of the whole shape?

3.5cm

Perimeter = 42cm

A farmer needs to plant out a corn field. It needs to be the following shape and size:

Perimeter 91m

What could the length of each side be?

A farmer needs to plant out a corn field. It needs to be the following shape and size:

Perimeter 91m

What could the length of each side be?
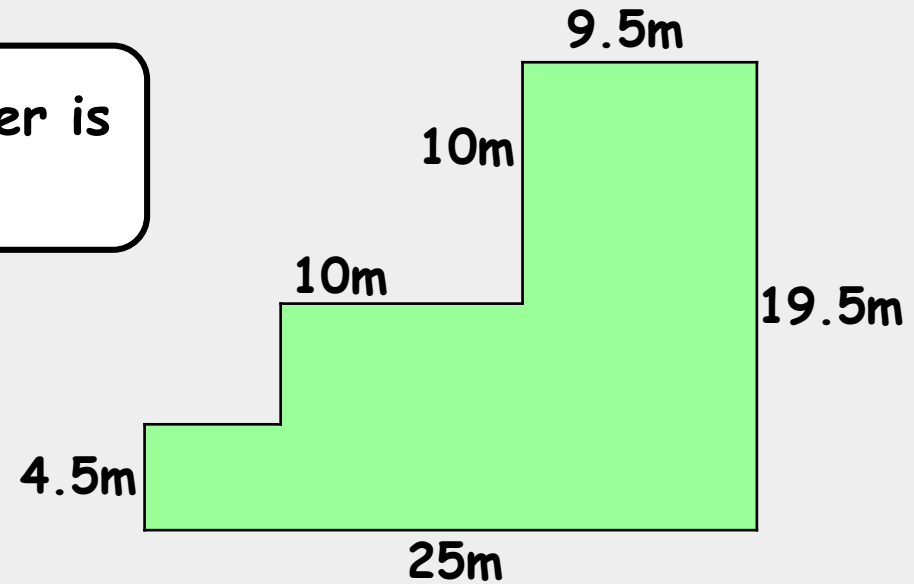
Various answers, for example: 30m + 15.5m + 30m + 15.5m

Crystal says,

The perimeter is 78.5m.

9.5m

10m

10m

19.5m

4.5m

25m

Is Crystal correct? Explain your answer.

Crystal says,

The perimeter is 78.5m.

9.5m

10m

10m

19.5m

4.5m

25m

Is Crystal correct? Explain your answer.
Crystal is incorrect because...

Crystal says,

The perimeter is 78.5m.

9.5m

10m

10m

5m

5.5m

19.5m

4.5m

25m
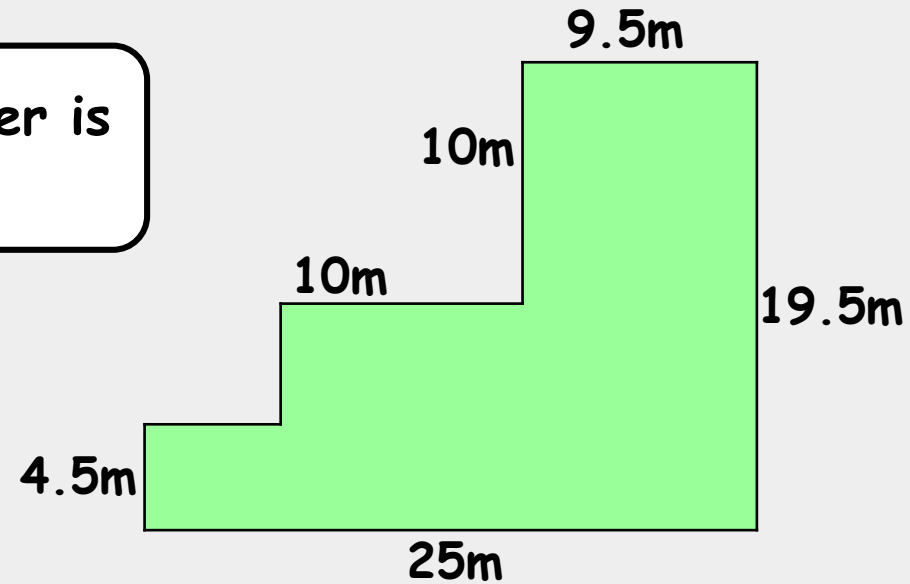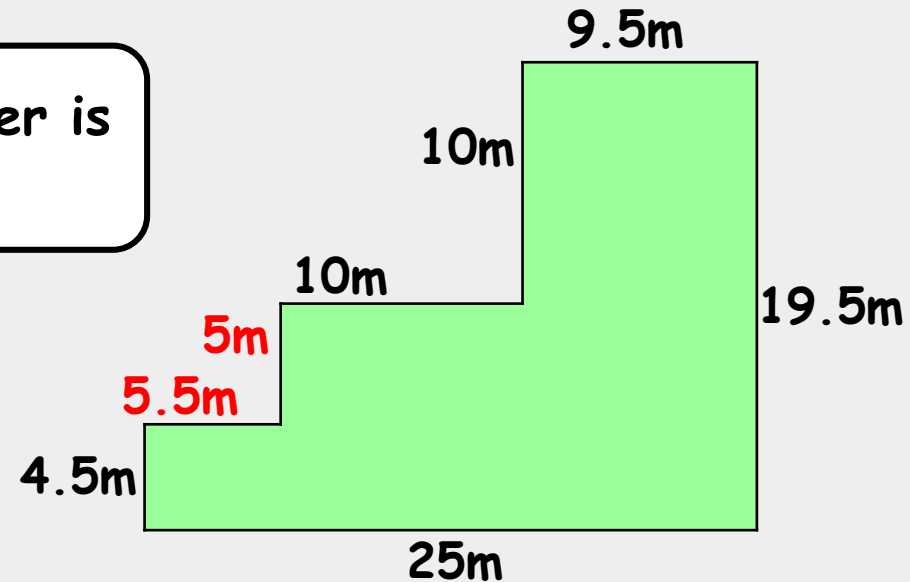
Is Crystal correct? Explain your answer.
Crystal is incorrect because the she has only added the labelled measurements. The missing measurements are 5cm and 5.5cm. The perimeter is 89cm.

Choose either the one, two or three star and have a go at answering the following questions. ⭐
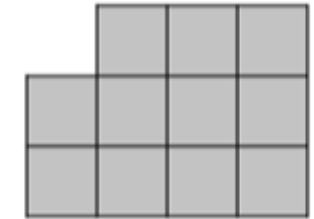
1a. This shape has been made using identical squares. One square has a perimeter of 28cm. What is the perimeter of the whole shape?
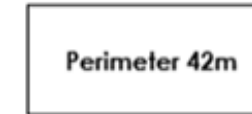
Not to scale PS

1b. This shape has been made using identical squares. One square has a perimeter of 24cm. What is the perimeter of the whole shape?
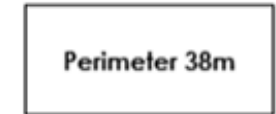
Not to scale PS

2a. Mr Barnes is digging a new allotment. It needs to be the following shape and size:

Perimeter 42m

What could the length of each side be?

PS

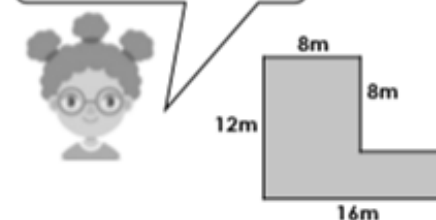**2b.** The council are building a new playground. It needs to be the following shape and size:

Perimeter 38m

What could the length of each side be?

PS

3a. Cherry says,

The perimeter is 44m.

8m
8m
12m
16m

Is Cherry correct? Explain your answer.
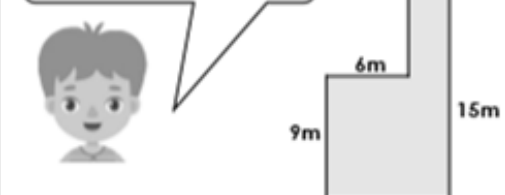
Not to scale R

3b. Oliver says,

The perimeter is 33m.

3m
6m
15m
9m

Is Oliver correct? Explain your answer.

Not to scale R

4a. This shape has been made using identical squares. One square has a perimeter of 18cm. What is the perimeter of the whole shape?
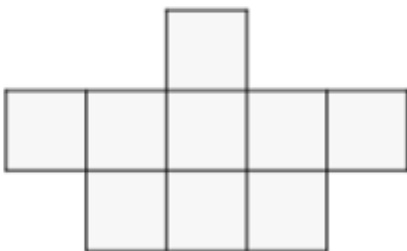
Not to scale

4b. This shape has been made using identical squares. One square has a perimeter of 22cm. What is the perimeter of the whole shape?
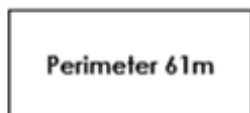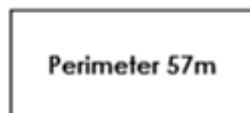
Not to scale

5a. A supermarket is building a new trolley bay. It needs to be the following shape and size:

Perimeter 61m

What could the length of each side be?

5b. A school is building a new staff car park. It needs to be the following shape and size:

Perimeter 57m
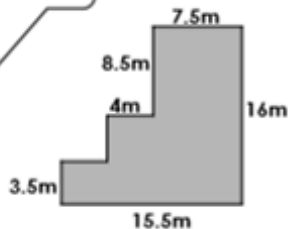
What could the length of each side be?

6a. Lucy says,

The perimeter is 55m.

7.5m
8.5m
4m
16m
3.5m
15.5m

Is Lucy correct? Explain your answer.

Not to scale

6b. Tahir says,

The perimeter is 71.5m.

12m
12m
$24\frac{1}{4}$ m
6m
$17\frac{1}{4}$ m
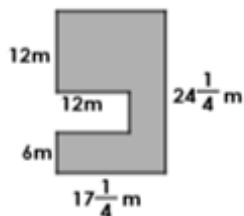
Is Tahir correct? Explain your answer.

Not to scale

7a. This shape has been made using identical regular hexagons. One hexagon has a perimeter of 21cm. What is the perimeter of the whole shape in metres?

Not to scale

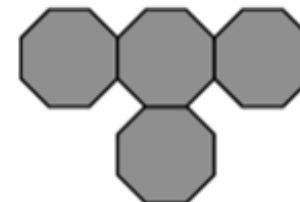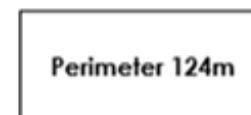**7b.** This shape has been made using identical regular octagons. One hexagon has a perimeter of 36cm. What is the perimeter of the whole shape in metres?
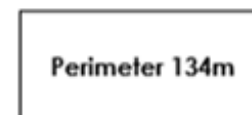
Not to scale

8a. A farmer is building a new barn. It needs to be the following shape and size:

Perimeter 124m

All four sides need to include half metres. What could the length of each side be in metres?

8b. A shop is being extended. It needs to be the following shape and size:

Perimeter 134m

All four sides need to include half metres. What could the length of each side be in metres?

9a. Colin says,

The perimeter is 74.5cm.

$9\frac{1}{4}$ cm
0.1m
0.25m
10.25cm
5cm
0.15m

Is Colin correct? Explain your answer.

Not to scale

9b. Connie says,

The perimeter is 47.5cm.

0.06m
0.06m
5.5cm
$15\frac{1}{2}$ cm
3c
8.5cm
3c
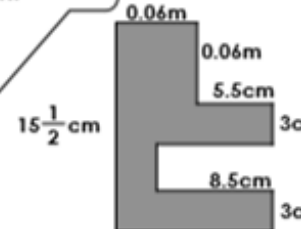
Is Connie correct? Explain your answer.

Not to scale

14

ENGLISH

Today we are going to be continuing to think about the illustrations used in the text 'Eric' by Shaun Tan.

Task 1: Make an illustration.

Read slide 16 **'Illustration Brief'**. Make an illustration showing where Eric might go next, who he may meet and what he could do. When you have finished your illustration write some sentences to go with it. Try to include modal verbs in your sentences.

Task 2: Create your own endpapers.

Look at slide 17 **'Endpapers'**. These are Shaun Tan's drawings that he puts at the start and finish of his books. What is your favourite drawing? Could you make up a story about it? Could you make your own collection of sketches in this style? Have a go for yourself.
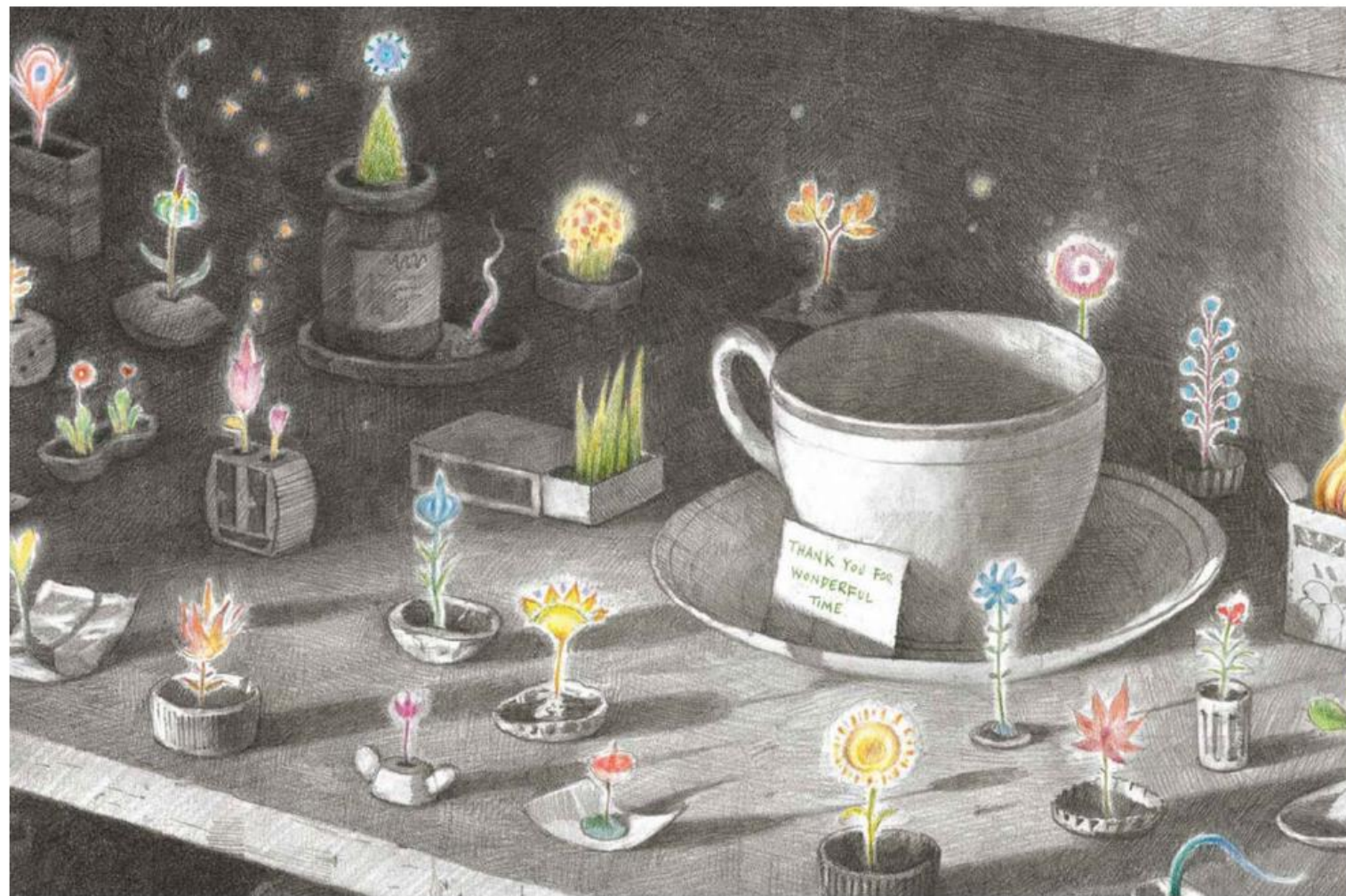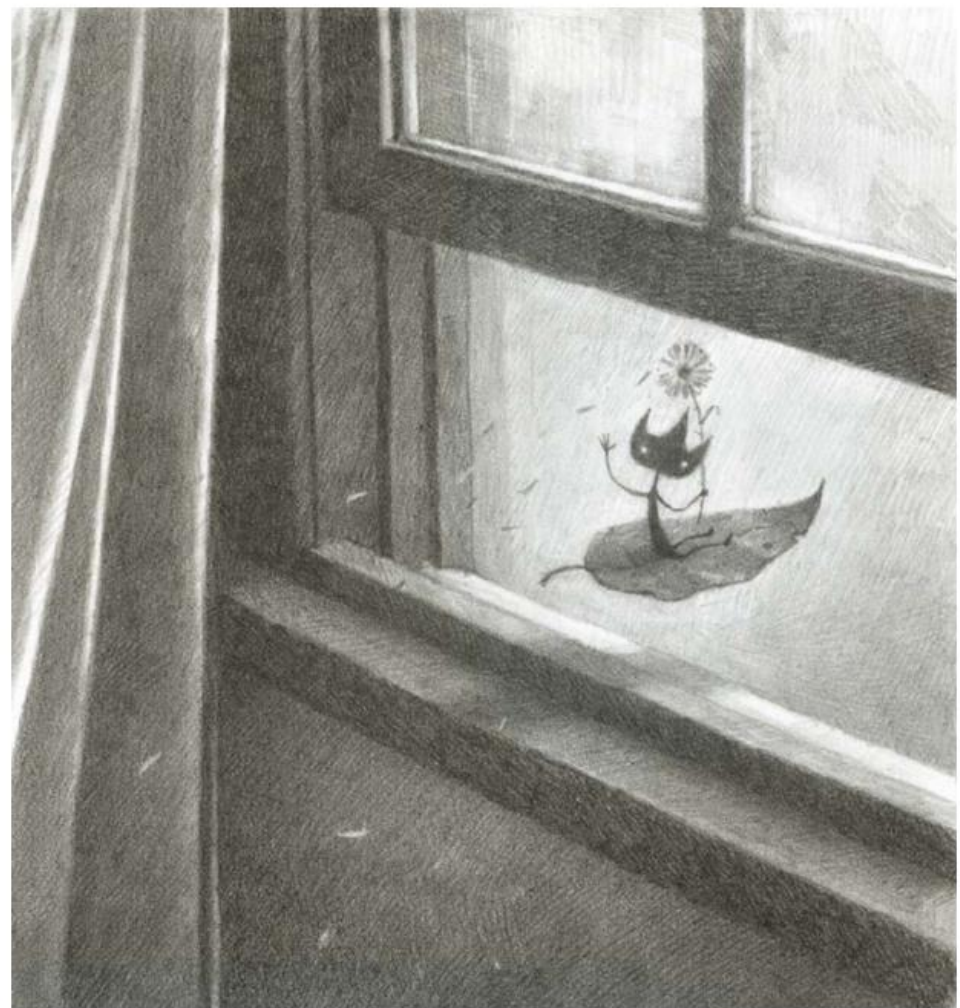
Illustration Brief

Make an illustration to show where Eric goes next, who he meets and what he does.

Include detail in your illustration so that it matches the style of Shaun Tan.

Write some sentences to accompany your illustration. They must include modal verbs.

Illustrations

Endpapers

ART

Q: Can I create a 3D Native American totem pole?

As part of our 'Red, White and Blue' topic, we will look at both the UK and USA. In art we look at Native American art and in particular totem pole design, purpose and meaning.

YOUR TASK

Continuing on from art last week and our work on totem poles, this week you may like to make a 3D model of your totem pole design. You can use the inside of an old kitchen roll for this. Use your design from last week to inspire you or create something new!

Once you have created your totem pole, evaluate your design.

You may like to think about the following:

- What went well? (WWW)

- Even better if? (EBI)

- What characteristics do your animals have?

- What qualities do they portray?

- Why did you choose these particular animals?

ANSWERS

10-4-10 ANSWERS

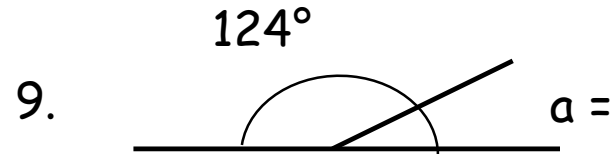1. . $2.45 \div 10 =$ 0.245

2. $4^3 =$ 64

3. $2470 - 1867 =$ 603
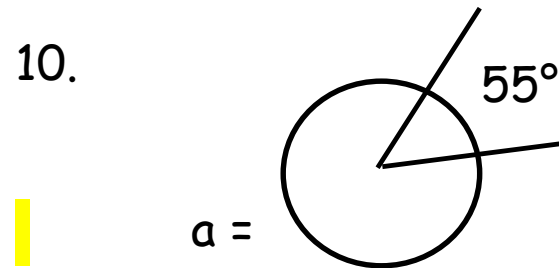
4. $5624 \times 5 =$ 28,120

5. $46.50 - 34.5 =$ 12

6. Factors of 20 = 1, 20, 2, 10, 4, 5

7. £30.50 - £9.95 = £20.55

8. $10^2 =$ 100

9. 124°   a =

180 – 124 = 56°
a = 56°

10.   55°

a =

360 – 55 =305°
a = 305°

MATHS ANSWERS

1a. 84cm

2a. Various answers, for example:
16m + 5m + 16m + 5m

3a. Cherry is incorrect because she has only added the labelled measurements. The missing measurements are 8m and 4m. The perimeter is 56m.

1b. 84cm

2b. Various answers, for example:
15m + 4m + 15m + 4m

3b. Oliver is incorrect because he has only added the labelled measurements. The missing measurements are 9m and 6m. The perimeter is 48m.

4a. 72cm

5a. Various answers, for example:
20m + 10.5m + 20m + 10.5m

6a. Lucy is incorrect because she has only added the labelled measurements. The missing measurements are 4m and 4m. The perimeter is 63m.

4b. 88cm

5b. Various answers, for example:
20m + 8.5m + 20m + 8.5m

6b. Tahir is incorrect because he has only added the labelled measurements. The missing measurements are 17.25m, 12m and 6.25m. The perimeter is 107m.

7a. 0.63m

8a. Various answers, for example:
39.5m + 22.5m + 39.5m + 22.5m

9a. Colin is incorrect because he has only added the labelled measurements. The missing measurements are 10.75cm and 4.75cm. The perimeter is 90cm.

7b. 1.17m

8b. Various answers, for example:
41.5m + 25.5m + 41.5m + 25.5m

9b. Connie is incorrect because she has only added the labelled measurements. The missing measurements are 3.5cm, 8.5cm and 11.5cm. The perimeter is 71cm.