

## English

**Focus – To understand how to use persuasive vocabulary effectively.**

Yesterday we started learning about the features of persuasive advertisement. Over the next 2 weeks, we will be writing a persuasive advert for a London attraction.

Today we will be learning how to use persuasive language effectively.

### Activity

Mrs Flynn says that cats are not nice pets, can you persuade me that cats are nice pets. Use the template provided or choose your own way to persuade Mrs Flynn that cats are nice pets. Remember the following:

- What vocabulary do you need to use?
- Why should Mrs Flynn change her mind about cats?

Now can you use the challenge cards to persuade a member of your family to do something and then evaluate how good you were at persuasion by answering the following questions:

- What vocabulary did you use?
- Was it difficult to persuade your partner?
- Why?
- What worked well?
- What was challenging?
- Were you able to persuade the person?
- Why/why not?

## Maths

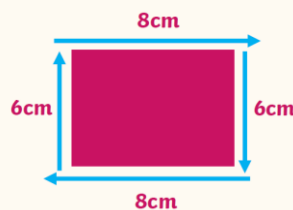
**Focus - To understand how to calculate perimeter on a grid.**

Yesterday we started to look at what the perimeter of a shape is and how we can calculate it.

[https://www.youtube.com/watch?v=n5ULJ\\_kcFzI](https://www.youtube.com/watch?v=n5ULJ_kcFzI)

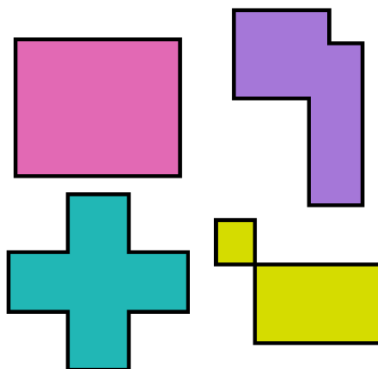
Remember how to measure the perimeter of a shape:

$$\text{Perimeter} = 2 \times \text{length} + 2 \times \text{width}$$



Today we are going to be calculating the perimeter of rectilinear shapes by counting squares on a grid.

What do you think is the meaning of rectilinear?



Rectilinear shapes are shapes that have lots of sides that meet at right angles. They can look like 2 or more rectangles joined together. Remember that we can calculate the perimeter of rectilinear shapes by counting squares on a grid and adding together the lengths of each side.

Practice calculating the perimeter by completing the set questions, remember the rules and when you have finished **CHECK, CHECK, CHECK.**

## Science

**Focus - To recognise that sounds get fainter as the distance from the sound source increases.**

Watch the following videos to learn more about how sounds are detected.

- <https://www.bbc.co.uk/bitesize/topics/zgffr82/articles/zx9hcj6>
- <https://www.bbc.co.uk/bitesize/topics/zgffr82/articles/zqtdpbk>

How do you think distance from a sound source affects how loud it will seem? If you are close to the sound will it be louder or quieter? Watch this video and find out how distance from a sound source affects how loud it will seem:

<https://www.bbc.co.uk/bitesize/clips/zcqd7ty>

### Experiment

Ask someone to help you. We are going to test how the distance from a sound source affects how loud it will seem. If you have a drum then you can use it, if not use the drum sound:

<https://www.youtube.com/watch?v=yXurWeMtBoU>

Start by standing very close to the sound source and listen to the sound. Slowly increase the distance from the sound by moving further away from it. What is happening? Is the sound getting louder or fainter? Use the sound recording sheet to record your answers and then draw conclusions based on what you found out about how distance from a sound source affects how loud it will seem.

### Extension

Use different sound sources and do the same experiment. Are your results the same or different from the drum sound source?

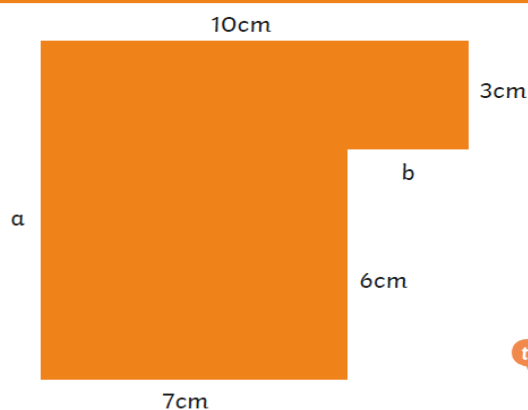
### Key questions:

- What does fainter mean?
- What is a sound source?
- What is distance?
- What different sounds can be heard?

## Finding the **Perimeter** of a Rectilinear Shape

You can calculate the perimeter of a rectilinear shape by adding together the length of each side.

You may need to calculate the length of any sides not given.



$$a = 6\text{cm} + 3\text{cm} = \mathbf{9\text{cm}}$$

$$b = 10\text{cm} - 7\text{cm} = \mathbf{3\text{cm}}$$

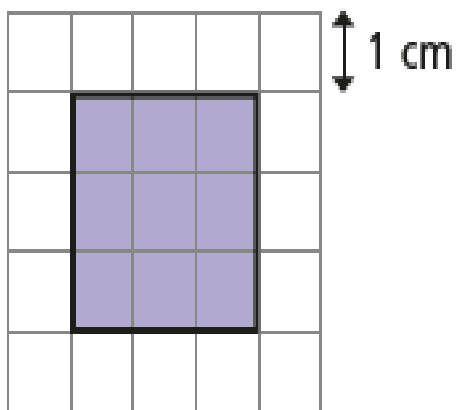
**The Perimeter:**

$$10\text{cm} + 3\text{cm} + 3\text{cm} + 6\text{cm} + 7\text{cm} + 9\text{cm} = \mathbf{38\text{cm}}$$

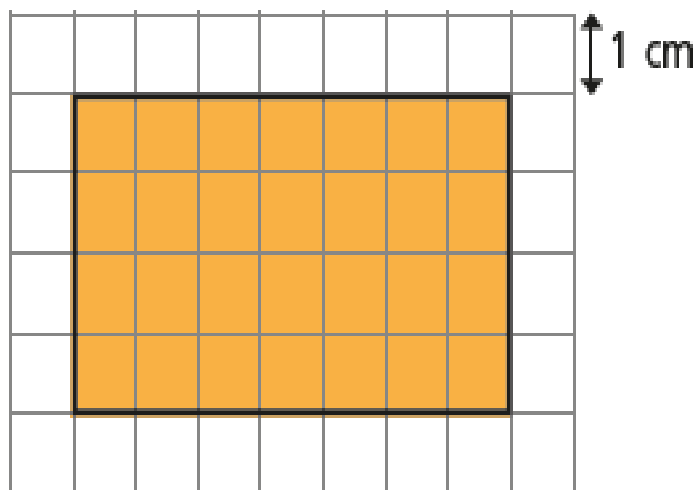


Work out the perimeter of each rectangle.

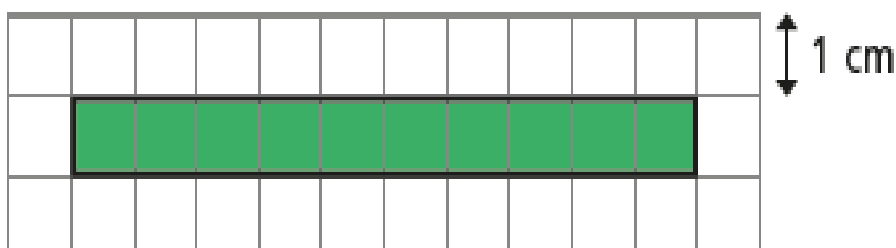
a)



c)



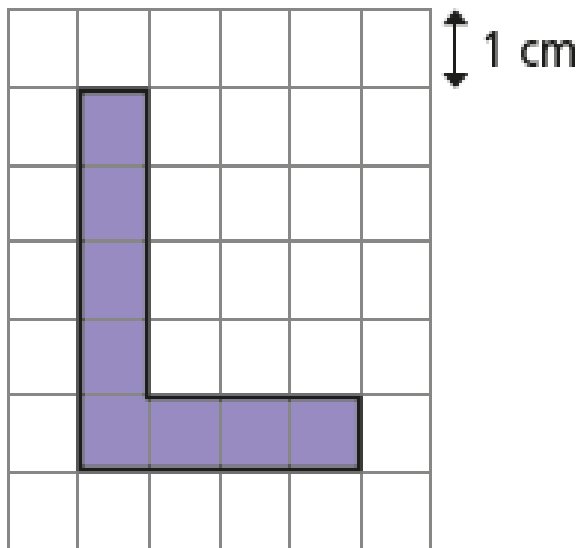
b)



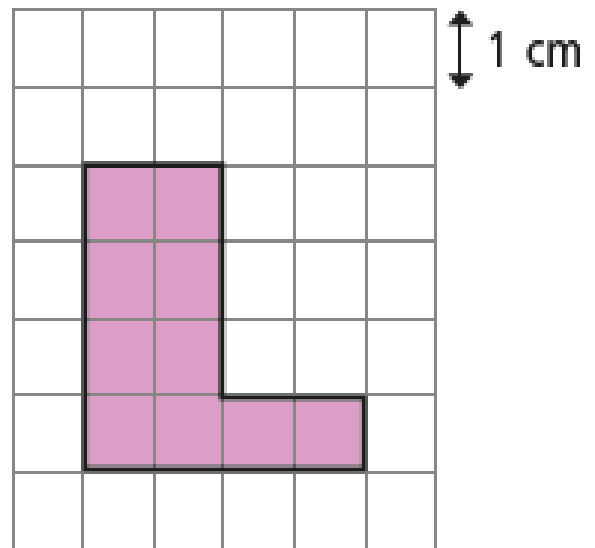
2 Which of the hexagons has the greatest perimeter?

Show all your workings.

A

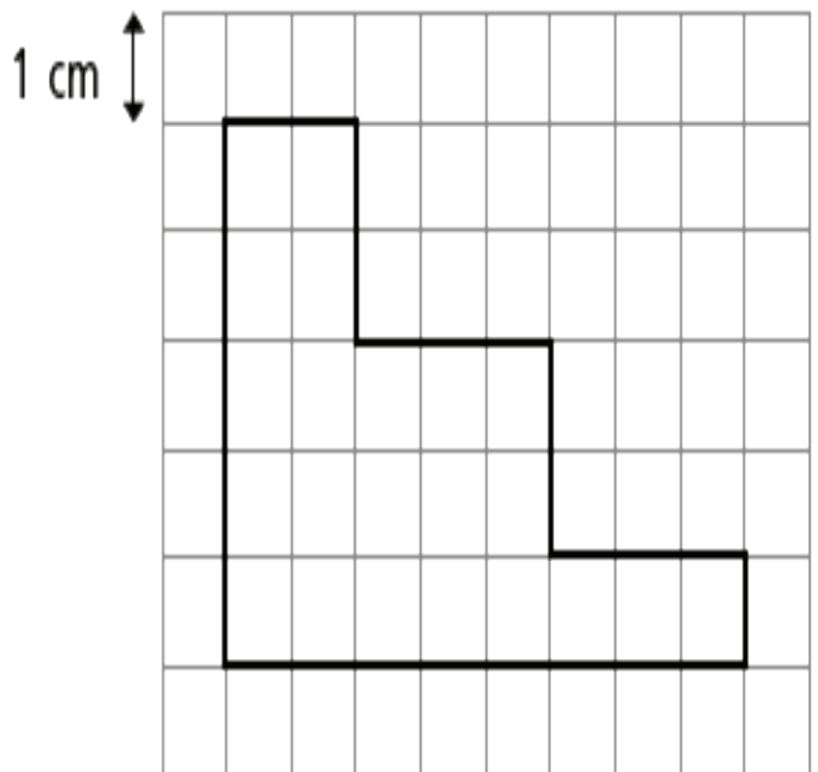


B



3 Draw two different rectangles with a perimeter of 14 cm.

4 Work out the perimeter of the shape.

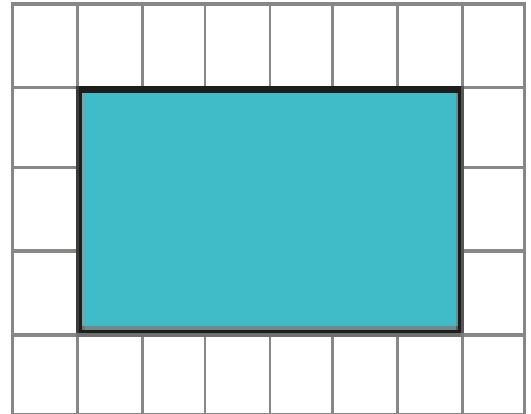


5 Draw two shapes with a perimeter of 20 cm.

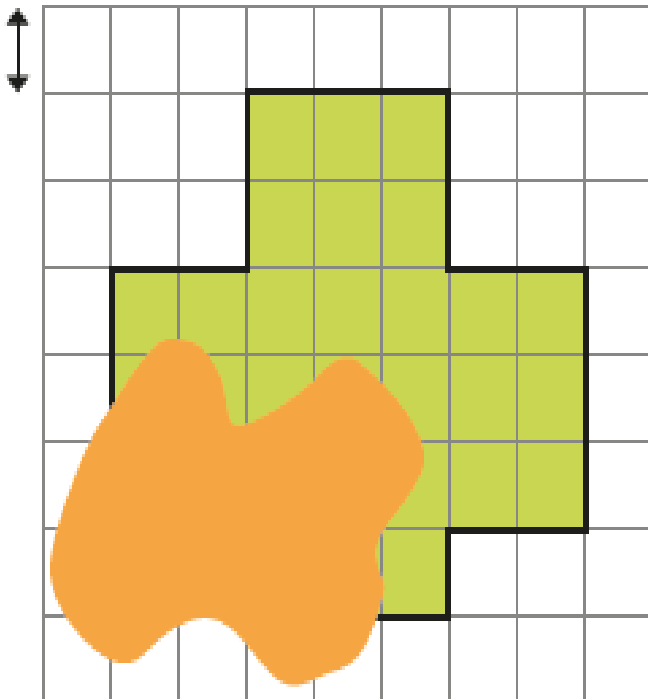
Your shapes should **not** be rectangles.

6 Work out the perimeter of the rectangle.

1 cm



7 1 cm



A shape is drawn on a square grid.

Part of the shape is hidden.

What could the perimeter of the shape be?

Is there more than one answer?



Mrs Flynn says that cats are not nice pets, can you persuade her that they are nice pets?



What is your first argument to persuade Mrs Flynn that cats are nice pets? Explain why this argument is so important.

Firstly,.....

.....

.....

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Secondly,.....

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Finally,.....

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.....

Conclusion: what is the most important message you want to leave with Mrs Flynn about why cats are nice pets?

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## **Persuasive Language**

### **Modal Verbs**

(must, will, should)

### **Modal Adverbs**

(definitely, absolutely, certainly)

### **Evaluative Language**

(incredible, outstanding, awful, revolting)

## **Sentence Starters**

First, let's talk about...

Another important point worth considering...

Astonishingly, some people don't know that...

Yet another incredible thing about..

Finally, and most importantly...

Best/Worst of all...

## **Persuasive Devices**

Tell a personal story.

Give an expert's opinion.

Include statistics.

Ask rhetorical questions.

Use repetition.

## **Powerful Statements**

Just think about it!

It's out of this world!

We can't let this go on!

We must stop this now!

You know I'm right!

## **Remember:**

Consider your audience.

Make your opinion clear.

Use a strong voice.

Give reasons for your opinion.

Check your spelling and punctuation.



## Sound Experiment



Distance	Sound Ranking (1-10)

Look at your results and draw conclusions on how distance from a sound source affects how loud it will seem.