

Thursday 16th July

Hello again Year 5,

We can't believe that this is your last week - it's definitely not the ending we expected and we know just how amazing you have all been over the past few months. We do miss you and can't wait to see you again once we are all back at school after the summer holidays.

We've tried to make this week as fun as possible so we hope that you enjoy your learning. In maths we start the week looking at shape before moving onto position. There's also a number puzzle to complete the week! In English there's a reading comprehension, a writing activity, a SPaG puzzle and a lovely art activity. PSHE is focusing on our goals for the future and as always, there are a few other fun activities hidden throughout the week too!

If you have some spare time or want to do some extra learning, you could visit <https://www.bbc.co.uk/bitesize> or <https://www.thenational.academy/online-classroom> where there are lots of lessons and activities to choose from.

As always, try to read for at least 20 minutes a day and 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](#).

Whilst you have been learning from home, you have been able to access free books online using **myON** which is linked to our 'Accelerated Reader' scheme. These books can still be accessed for free but you will now need our school login details to do this. After reading a book, you can then click on the 'Take AR Quiz' option and login to your account using your usual 'Accelerated Reader' username and password.

Our **myON** login details are:

Go to myon.co.uk and enter:

- **School Name:** Howley Grange Primary School (*type the first few letters and select from the drop-down menu*)
- **Username:** howley136student
- **Password:** read
- Click on the **Sign In** button, select a book, and start reading!

This message has also been sent as a parentmail and there is a pdf attached to that which explains how to choose books using **myON**. If you have any problems with **myON** or questions about 'Accelerated Reader' you can contact Mrs Graham using the school email.

Have a super week and a great summer break,

Miss Savage, Mrs Montgomery and Mrs Graham

English Activity 4 - Problem Solving Mystery Game

The Missing Emojis SPaG Problem-Solving Mystery Game

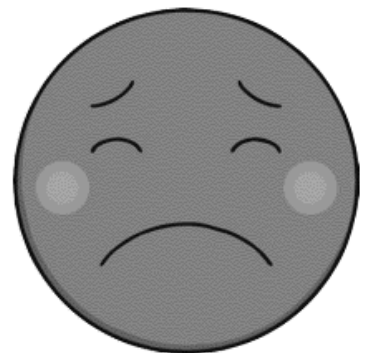
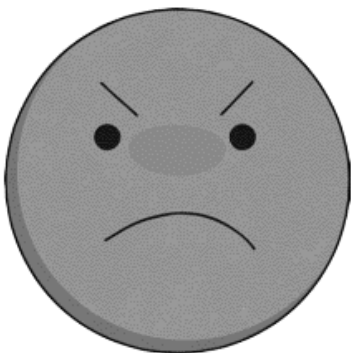
Instructions

It's nearly Emoji Day and a catastrophe has occurred. All of the emojis have disappeared from everyone's mobile phones! Who would take all of the emojis just before Emoji Day? The culprit needs to be found and the emojis must be returned so that the celebrations can continue.

As the Detective Chief Inspector, it is your job to find out who stole the emojis. Your officers have taken down the names and descriptions of the 20 people who were working in the mobile phone factory last night.

There are also five top secret clues that have been left. To crack the case, you will need to solve each clue and check the information with the list of names. Can you find the emojis in time?

Good luck!



The Worker's Descriptions

Worker's Name	Do They Wear Glasses?	Favourite Emoji	Type of Shoes	Favourite Snack	House Number
Archie Anger	yes	Poorly	trainers	chocolate	2
Barty Blithe	yes	Happy	smart shoes	biscuits	6
Briana Blue	no	Confused	smart shoes	chocolate	20
Carly Content	no	Angry	smart shoes	crisps	22
Constance Confused	no	Happy	trainers	crisps	7
Craig Cry	yes	Confused	smart shoes	chocolate	4
Frederick Fine	yes	Happy	trainers	biscuits	25
Gloria Glee	no	Poorly	smart shoes	biscuits	2
Geraint Grieve	yes	Poorly	trainers	crisps	28
Hayley Happy	no	Confused	smart shoes	chocolate	4
Jonty Joy	yes	Angry	smart shoes	chocolate	30
Meredith Merry	no	Poorly	trainers	crisps	32
Petr Peace	yes	Confused	smart shoes	biscuits	1
Penelope Pity	no	Angry	trainers	crisps	9
Roger Relaxed	yes	Angry	smart shoes	crisps	10
Sammy Sad	no	Happy	trainers	biscuits	19
Serena Serene	no	Happy	trainers	biscuits	11
Siobhan Sorrow	no	Confused	smart shoes	chocolate	5
Sean Surprise	yes	Confused	smart shoes	chocolate	10
Trevor Tense	yes	Confused	smart shoes	crisps	36

The culprit was _____.

Clue 1

Formal or Informal Footprints?

Decide whether each word or phrase in each pair of footprints uses vocabulary typical of **formal** or **informal** writing and place it under the correct pair of shoes. Both words in some pairs of footprints might go beneath only the formal or informal shoes. Whichever pair of shoes has the most words or phrases will tell you the type of shoe print that was discovered outside the emoji room at the factory.

profession immediately spectacles

job now injustice

opportunity enough sacrifice

chance sufficient give up

Formal **Informal**

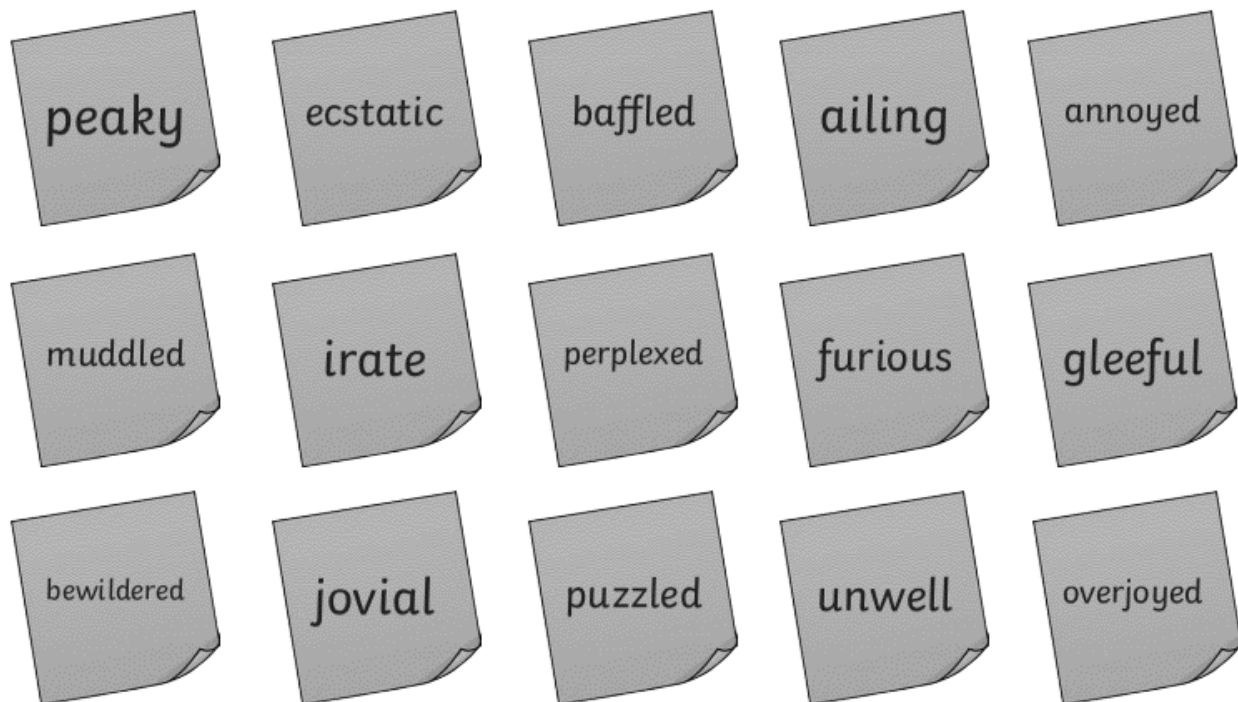
If there are more **formal** words, the culprit wore **smart shoes**. If there are more **informal** words, the culprit wore **trainers**.

The culprit wore _____.

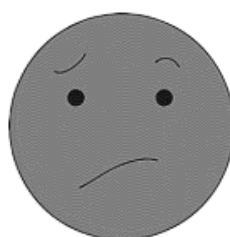
Clue 2

Silly Synonyms

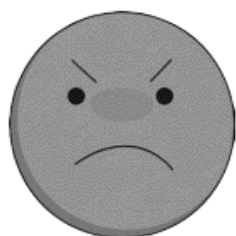
The emoji factory is always trying to think of the next hit emoji idea so the room is filled with sticky notes covered with synonyms. Find which emoji has the most synonyms and this will reveal the culprit's favourite emoji.



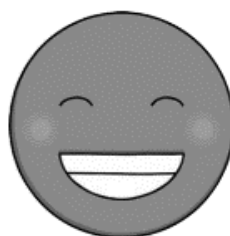
Poorly



Confused



Angry



Happy

The emoji with the most synonyms is _____
so this must be the worker's favourite emoji.

Clue 3

Prefix Packets

An empty snack packet was found outside the emoji room. Match the words to the correct prefix to form a verb. Some of the words can go with more than one prefix. The prefix with the most words will reveal which packet was found and show the culprit's favourite snack.







The prefix with the most words is _____
so the culprit's favourite snack is _____.

Clue 4

Eye-Spy the Culprit!

Find your way through this maze of statutory spelling words. By following the path (vertically or horizontally) of correctly spelt words, you will find out whether the culprit wears glasses or not.

Start

immediate	stumach	lightnning	immediate	comittee	disasterous	queeu
foreign	sugest	lesisure	equipp	muscle	indeividual	desprate
restaurant	bargin	orkward	mischevious	sinsere	discionary	familliar
recommend	persuade	programme	determined	especially	hindrance	develope
curiosity	acording	sacrifise	concence	contraversy	forty	explanation
communicate	system	yacht	shoulder	rhythm	equipment	embarass
variety	recognise	suficient	rhime	signiture	convinience	bruize
neighbour	frequently	correspond	cemetery	relevant	nuisence	marvelous
vegetable	proffession	consious	twelth	prejudice	anscient	phisycal
achieve	equipt	vehical	acompany	immature	symbol	average
pronunsiation	exagerate	garantee	secretery	identtity	neccessary	parliament
privilige	temperature	critisize	langwage	apparent	available	excellent
thorough		harass		community		occupy
						

The culprit _____ glasses.

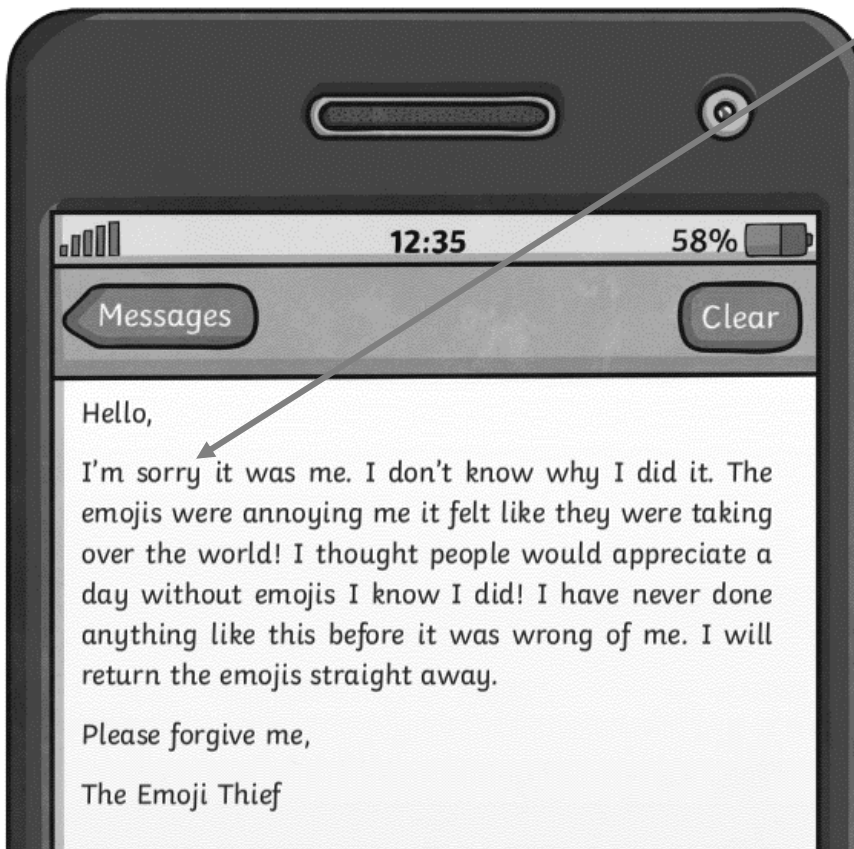
Clue 5

Terrible Texting

The factory owner has been sent a text message from the worker who deleted the emojis! The thief has made lots of mistakes and missed the punctuation to mark the boundaries between independent clauses (semi-colons, colons or dashes).

Hint - find the end of each clause

Circle the mistakes and then write the corrections below. The number of errors will show the house number of the culprit.



Corrections

There are _____ missing boundaries between independent clauses so the emoji's house number is _____.

MATHS 10-4-10

1. $186\,437 - 36\,208 =$
2. $3612 \div 12 =$
3. $5^3 =$
4. $45.6 - 12.05 =$
5. How many hours are there in 5 days?
6. $176 \times 8 =$
7. $13.451 \times 1000 =$
8. How many metres are there in 6km?
9. $25 \div (12 - 7) =$
10. What is the size of **ONE** of the angles in an equilateral triangle?

Remember - ten questions in ten minutes.

If you find one tricky, just move on to the next and come back to any you have missed at the end.

Maths Activity - Translation

This week we are learning about shape and position.


Today we are focusing on translation. Use the knowledge organiser from yesterday to help if you need to.


For today's lesson, use the following link to White Rose Maths Home Learning and watch the video for Summer Term - Week 11 - Lesson 4 - Translation.


<https://whiterosemaths.com/homelearning/year-5/>

The video explains the concept in different ways; you can pause the video and complete questions on the sheet or in your homework books, or you may prefer to watch the whole video first before completing the sheet. If you feel you want to just go ahead and complete the sheet, then feel free to do so. You can then check your answers to see how you got on (answers are at the end of the presentation).

Again you should have a go at completing the questions you feel confident to. Remember, don't worry, just try your best.

Questions 1 - 3 

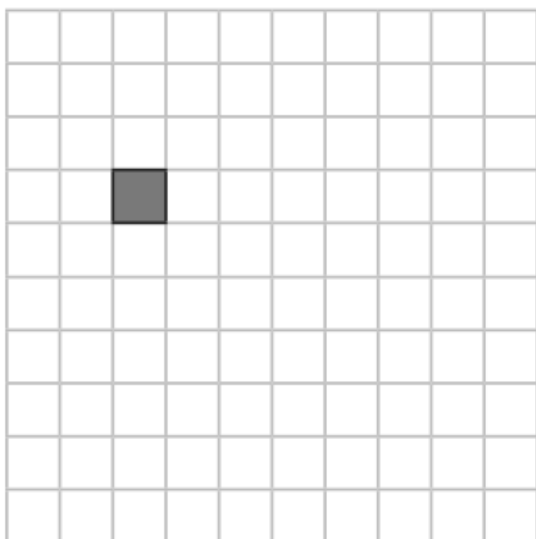
Questions 1 - 4 

Questions 1 - 6 

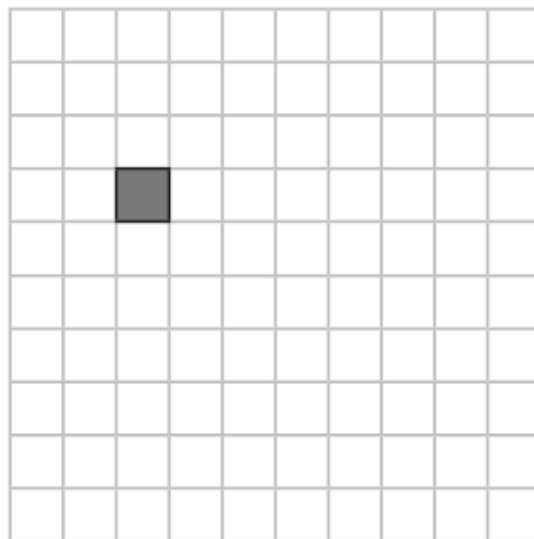
Translation

1 Complete the translations.

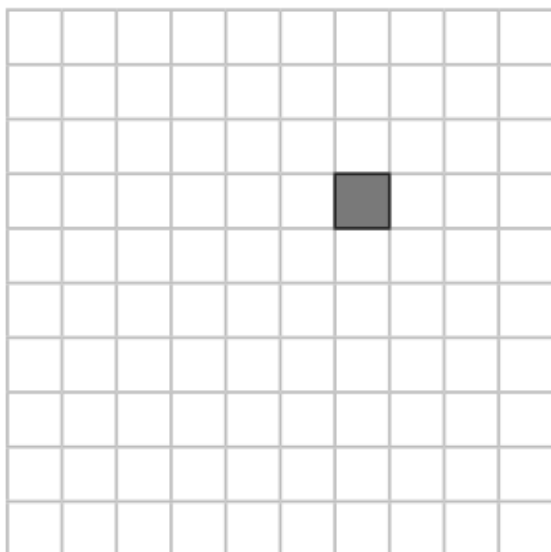
- a) Translate the shape
4 squares to the right.



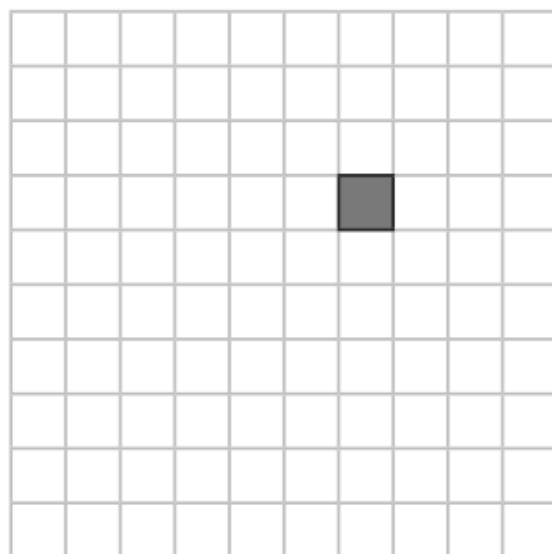
- c) Translate the shape
4 squares right, 2 squares up.



- b) Translate the shape
2 squares up.

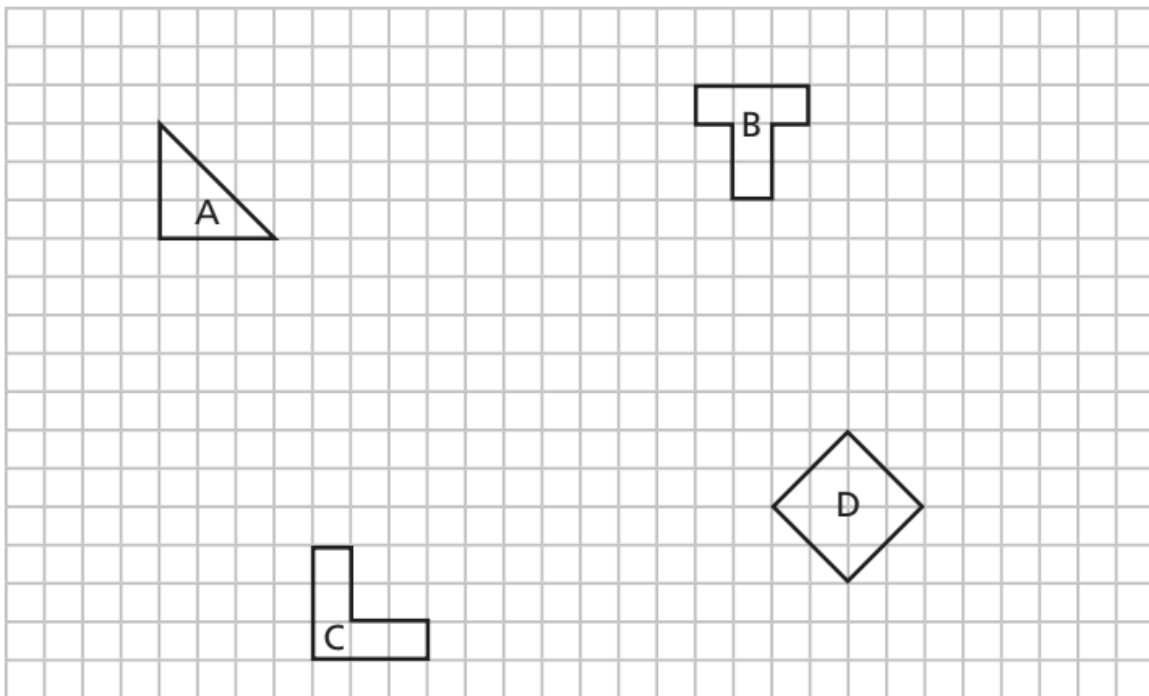


- d) Translate the shape 3
squares left, 5 squares down.



2

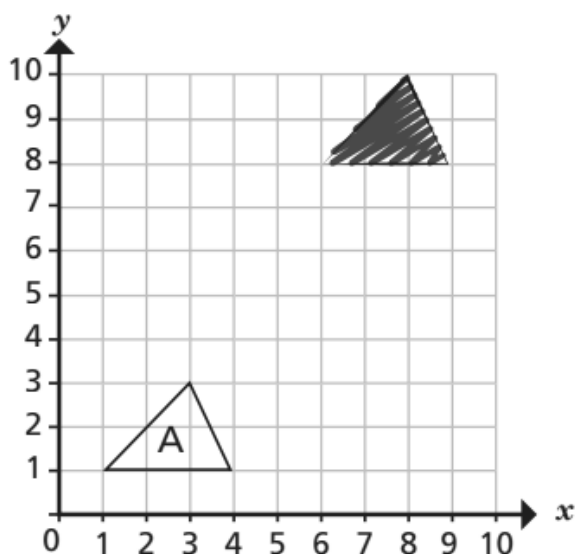
Four shapes have been drawn on a grid.



- Translate shape A 5 squares to the right and 3 squares down.
- Translate shape B 4 squares to the left and 7 squares down.
- Translate shape C 6 squares to the left.
- Translate shape D 4 squares to the right and 8 squares up.

3

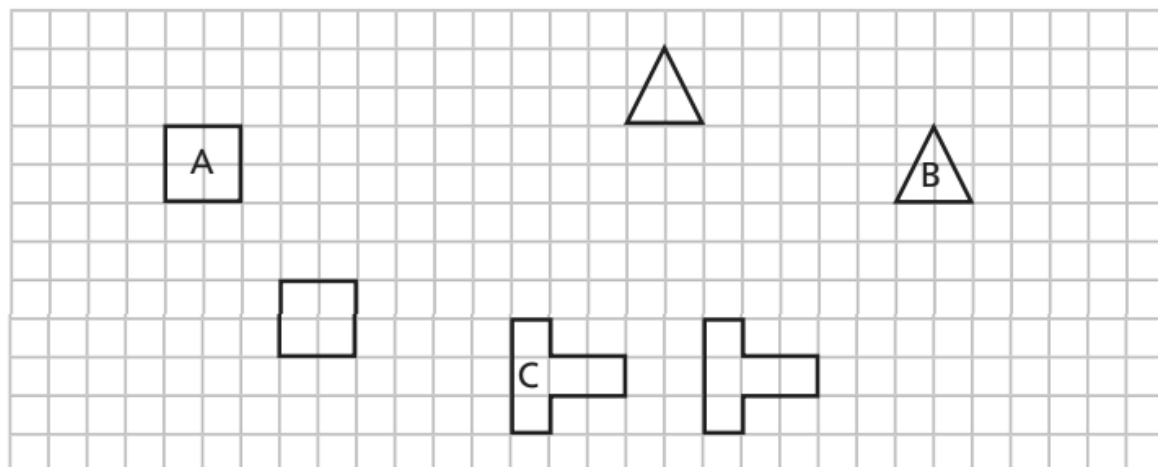
Dora has translated triangle A 2 squares to the right and 7 squares up.



Is Dora's drawing correct? _____

Explain why.

- 4 Complete the sentences to describe the translations.

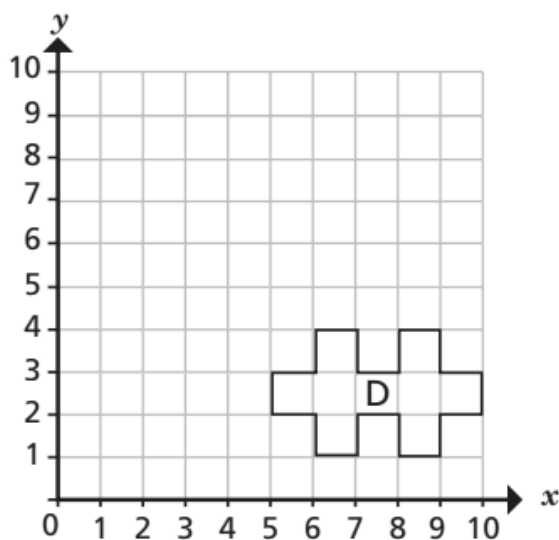


a) Shape A has been translated squares to the right and squares down.

c) Shape C has been translated squares to the _____ and squares _____

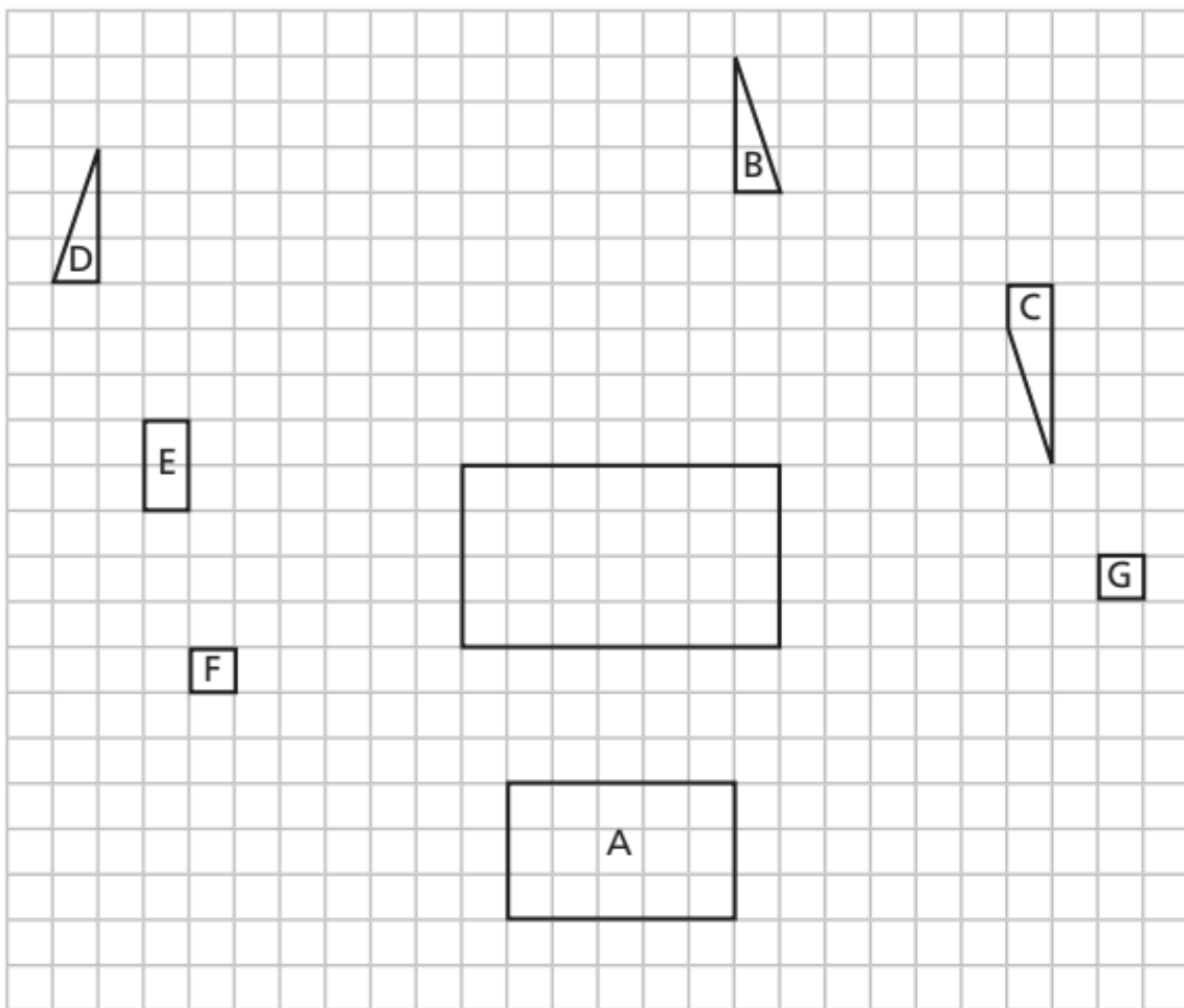
- 5 A shape has been drawn on a coordinate grid.

- a) Translate shape D 4 squares to the left and 6 squares up. Label the new shape E.
- b) Describe the translation from shape E to shape D.



What do you notice? Does this always happen?

6 Eight polygons are drawn on the grid.



- Translate shape A 10 squares up.
- Translate shape B 6 squares down.
- Translate shape C 6 squares left.
- Translate shape D 9 squares to the right and 4 squares down.
- Translate shape E 10 squares to the right and 3 squares down.
- Translate shape F 7 squares to the right and 3 squares up.
- Translate shape G 9 squares to the left and 1 square up.

Mindfulness Mindful Breathing Squeeze and Flop

Taking a moment to be calm and relaxed in a busy day can help us to feel settled and happy.

Find a comfortable position, either sitting or lying down. Close your eyes if you feel comfortable with this. Take a few deep and gentle breaths, in and out. Feel yourself start to relax.

Now, squeeze your muscles as tightly as you can. Hold the squeeze for a count of three. Then, flop and relax your muscles for a count of five.

Do this between five and ten times.

Well done for taking a mindful moment! How do you feel?



Mindfulness

Mindful Breathing

Balloons

Taking a moment to be calm and relaxed during a busy day can help us to feel settled and happy.

Taking slow and gentle breaths, in and out, can help us to feel better if we are worried, frightened or sad.

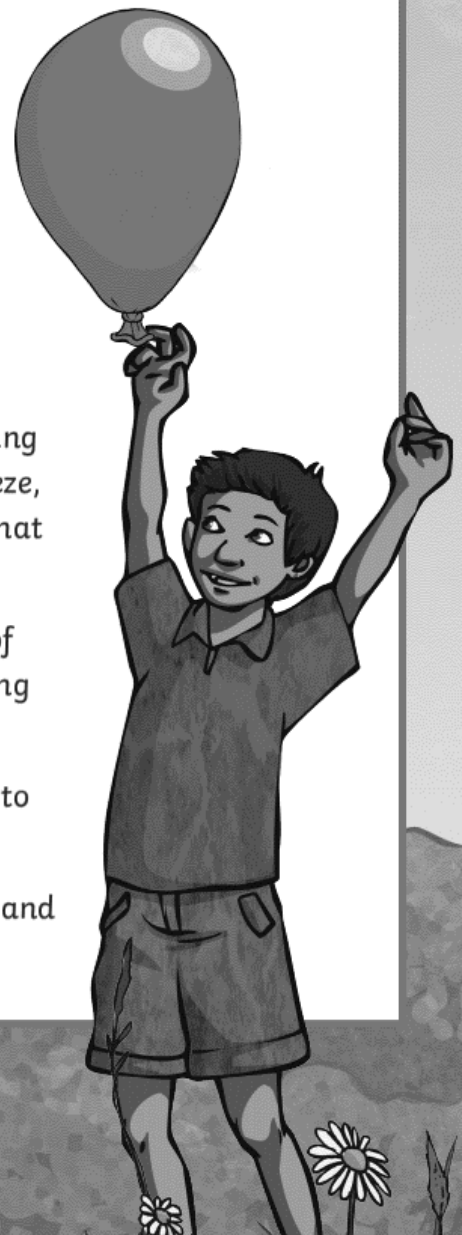
Imagine you are blowing up a balloon – take a gentle, deep breath in and slowly breathe out to fill up your imaginary balloon. Pretend to tie a knot in the end and attach a string.

As you hold on to the balloon, imagine seeing it flying high in the sky. As it gently blows in the warm breeze, just watch it. As you watch it, think of something that makes you happy.

Blow up some more imaginary balloons and think of some more things that make you happy. Enjoy feeling calm and relaxed.

Thinking of things that make us happy can help us to have a positive day.

It is a good way of looking after our mental health and wellbeing too!





Mindfulness

Mindful Breathing

Conch Shell

Taking a moment to be calm and relaxed during a busy day can help us to feel settled and happy.

Taking slow and gentle breaths, in and out, can help us to feel better if we are worried, frightened or sad.

Imagine you are holding a conch shell.

Take your imaginary conch shell up to your lips.

Take a gentle breath in and then breathe out into your conch shell.

Imagine your breath is spiralling inside the shell, making a magical noise that only you can hear.

See if you can play your imaginary horn very softly.

Now try playing your imaginary horn strongly. Notice how your breath gets longer when you practise this breathing.

Imagine what a beautiful sound you're making.

Well done for taking a mindful moment!

How do you feel?



ANSWERS

ANSWERS: English Activity 4 - Problem Solving Mystery Game

The Missing Emojis SPaG Problem-Solving Mystery Game - **Answers**

Clue 1: Formal or Informal Footprints?

Formal

profession
immediately
opportunity
sufficient
sacrifice
injustice
spectacles

Informal

job
now
chance
enough
give up

The culprit wore **smart shoes**.

Clue 2: Silly Synonyms

Poorly

peaky
ailing
unwell

Confused

baffled
muddled
bewildered
perplexed
puzzled

Angry

irate
annoyed
furious

Happy

ecstatic
overjoyed
gleeful
jovial

The emoji with the most synonyms is **confused** so this must be the worker's favourite emoji.

Clue 3: Prefix Packets

re-

connect
act
appoint
do
read
take

dis-

connect
courage
appoint
agree





over-

take
act
sleep
do

The prefix with the most words is **re-** so the culprit's favourite snack is **chocolate**.

Clue 4: Eye-Spy the Culprit!

Start

immediate	stumach	lightnning	imediate	comittee	disasterous	queeu
foreign	sugest	lesiure	equipp	muscle	indeividual	desprate
restaurant	bargin	orkward	mischevious	sinsere	discionary	familliar
recommend	persuade	programme	determined	especially	hindrance	develope
curiosity	acording	sacrifise	concence	contraversy	forty	explanation
communicate	system	yacht	shoulder	rhythm	equipment	embarass
variety	recognnise	suficient	rhime	signiture	convinience	bruize
neighbour	frequently	correspond	cemetery	relevant	nuisence	marvelous
vegetable	proffession	consious	twelth	prejudice	anscient	phisycal
achieve	equipt	vehical	acompany	immature	symbol	average
pronunsiation	exagerate	garantee	secretery	identtity	neccessary	parliament
privilige	temperature	critisize	langwage	apparent	available	excellent
thorough 		harass 		community 		occupy 

The **culprit** wears glasses.

Clue 5: Terrible Texting

Corrections (Accept any relevant punctuation – semi-colon, colon, dash)

I'm sorry - it was me.

The emojis were annoying me: it felt like they were taking over the world!
I thought people would appreciate a day without emojis; I know I did!
I have never done anything like this before; it was wrong of me.

There are **4** missing boundaries between independent clauses so the emoji's house number is **4**.

The culprit was Craig Cry.

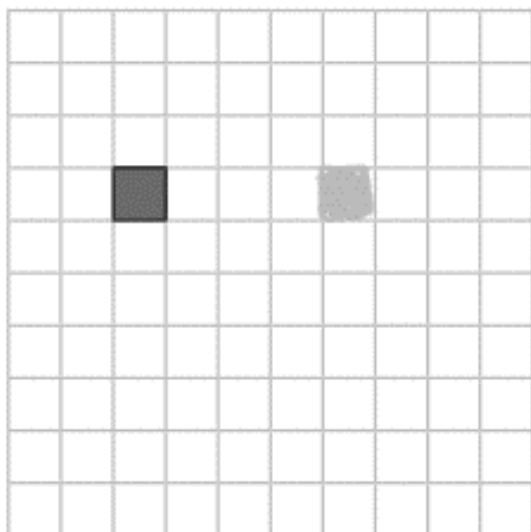
ANSWERS: 10-4-10

1. $1186\ 437 - 36\ 208 = 150,229$
2. $3612 \div 12 = 301$
3. $5^3 = 125$
4. $45.6 - 12.05 = 33.55$
5. How many hours are there in 5 days? 120
6. $176 \times 8 = 1408$
7. $13.451 \times 1000 = 13,451$
8. How many metres are there in 6km? 6000m
9. $25 \div (12 - 7) = 5$
10. What is the size of **ONE** of the angles in an equilateral triangle? 60°

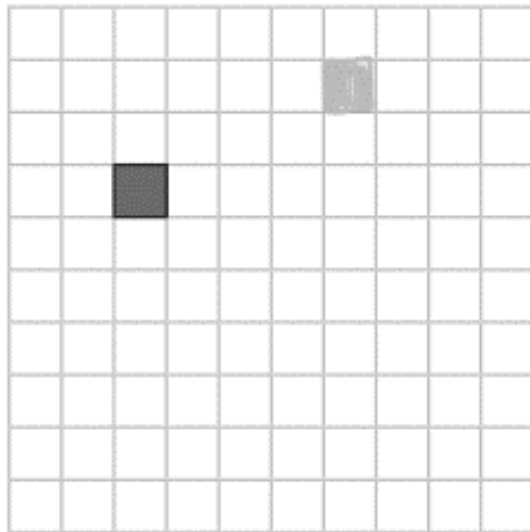
ANSWERS: Maths Activity - Translation

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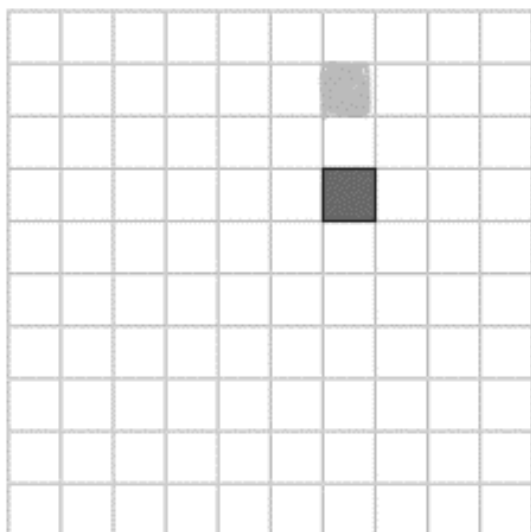
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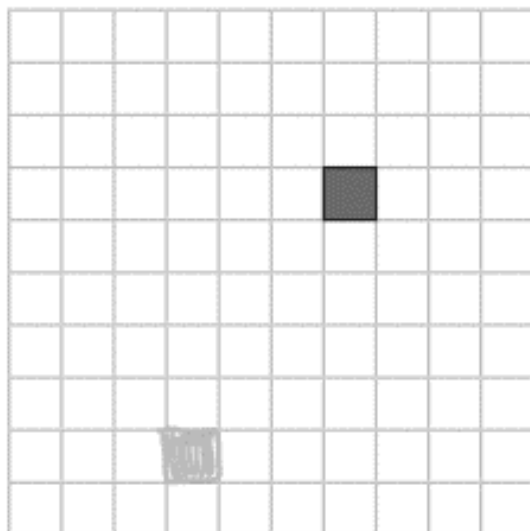
c) Translate the shape
4 squares right, 2 squares up.



b) Translate the shape
2 squares up.

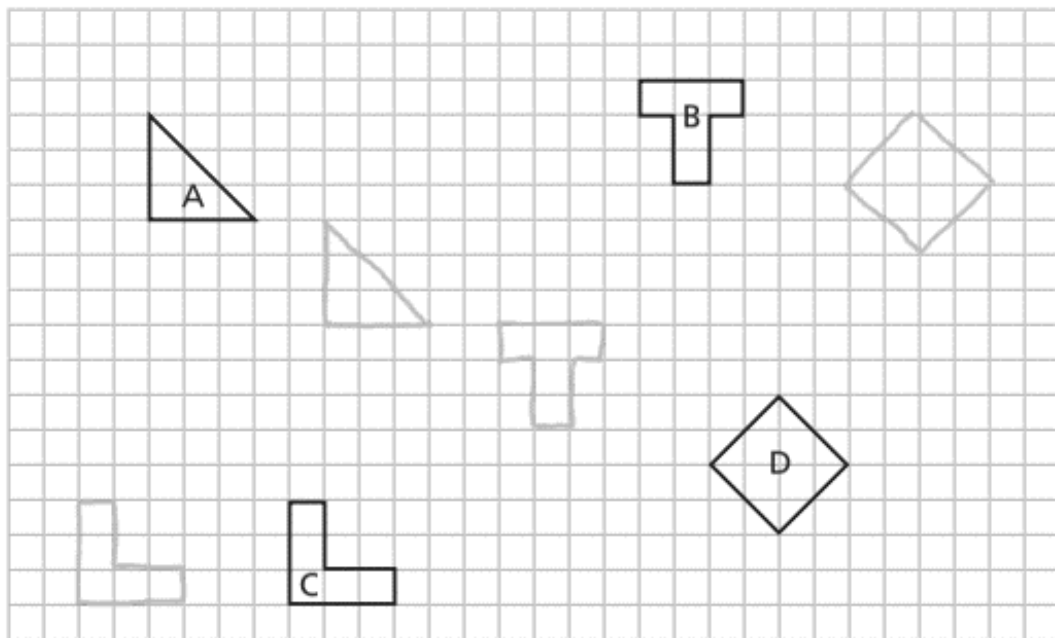


d) Translate the shape 3
squares left, 5 squares down.



2

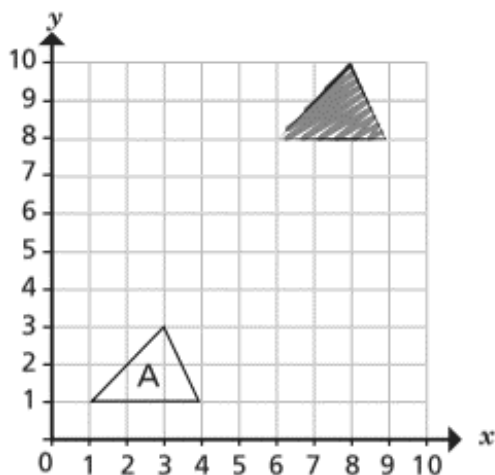
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3

Dora has translated triangle A 2 squares to the right and 7 squares up.

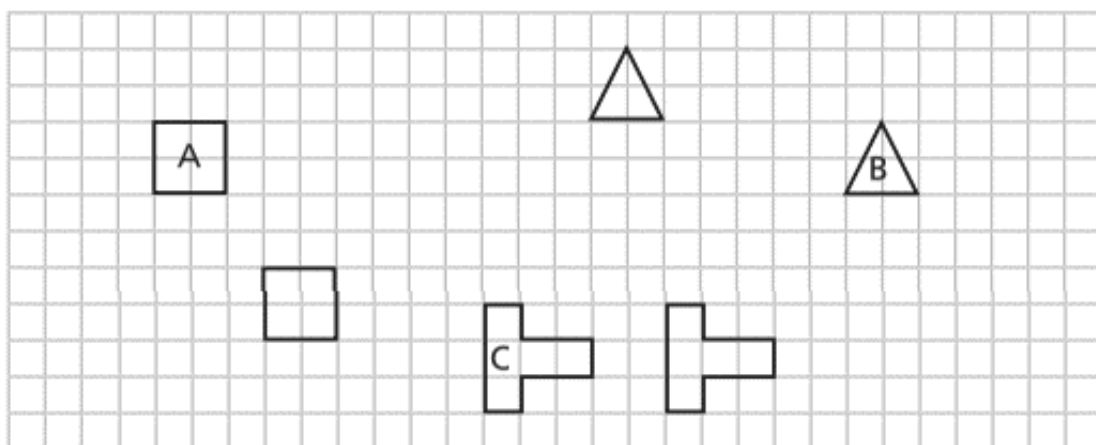


Is Dora's drawing correct? No

Explain why.

4

Complete the sentences to describe the translations.



a) Shape A has been translated squares to the right and squares down.

b) Shape B has been translated squares to the left and squares up.

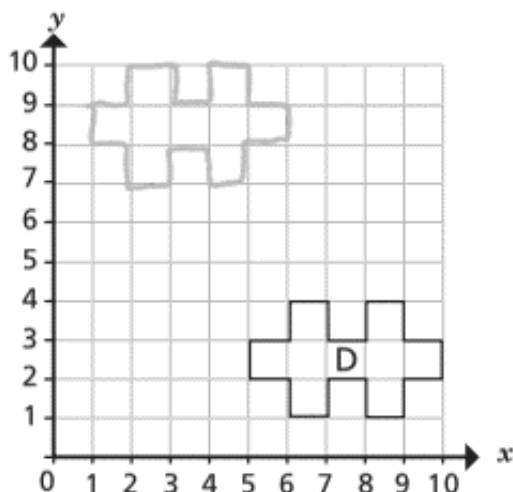
c) Shape C has been translated squares to the right and squares up/down.

5

A shape has been drawn on a coordinate grid.

a) Translate shape D 4 squares to the left and 6 squares up. Label the new shape E.

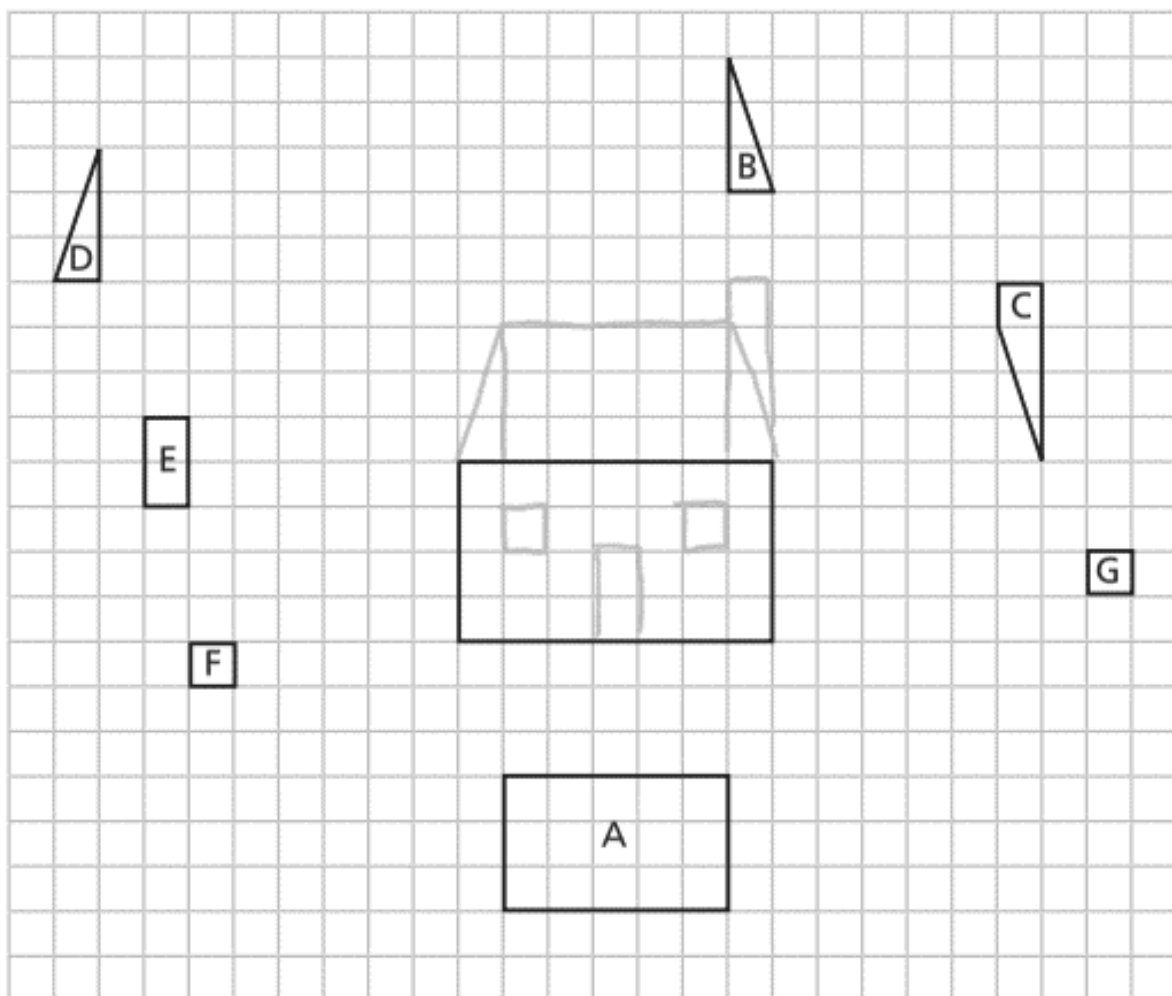
b) Describe the translation from shape E to shape D.



4 squares to the right and 6 squares down

What do you notice? Does this always happen?

Eight polygons are drawn on the grid.



- Translate shape A 10 squares up.
- Translate shape B 6 squares down.
- Translate shape C 6 squares left.
- Translate shape D 9 squares to the right and 4 squares down.
- Translate shape E 10 squares to the right and 3 squares down.
- Translate shape F 7 squares to the right and 3 squares up.
- Translate shape G 9 squares to the left and 1 square up.

Create your own problem like this for a partner.