Friday 22nd May
Good morning!

Maths: To translate a polygon.

English: To have a P4C discussion.

Suggested afternoon activities –

Japan weekly activities – This week is your chance to complete some round up research on anything else you would like to learn about Japan!

SPELLINGS

Scattegories – can you work out and write down which word is being described? Today we will do the letter 'e'.

Another word for soil. Also the planet we live on. (noun)

The opposite of being late. (adjective)

Can you find some new words using a dictionary and make up your own description for them?

Try some of the spelling tiles activities here if you would like to:

https://spellingframe.co.uk/spelling-rule/45/27-Word-list-years-3-and-4---ci--to-ea-

early
earth
circle
complete
consider
continue
decide
describe
different
difficult

ARITHMETIC:

9. It's in the Cards

For a twist on the traditional card game War, assign values of 1 to the ace, 11 to the jack, 12 to the queen, and 13 to the king, and face value for the cards two through 10 (for younger children, limit the game to number cards only). Playing in pairs, each student lays two cards face up, then subtracts the lower number from the higher. Whoever has the higher answer wins all four cards. If the totals are the same, the players flip over two more cards and repeat until there is a winner.

Ace of hearts = 1
The 10 of spades = 10

10 – 1 = 9

Challenge: Use the two cards to form a fraction, and then compare to see who has the larger fraction. If they are equivalent, repeat until someone wins the round.

MATHS:

Today we will be learning how to move a shape. This is called *translating*. A bit like if you translate from Spanish to English you are changing the language. When you translate a shape your are changing its position by moving it up, down, to the left or to the right.
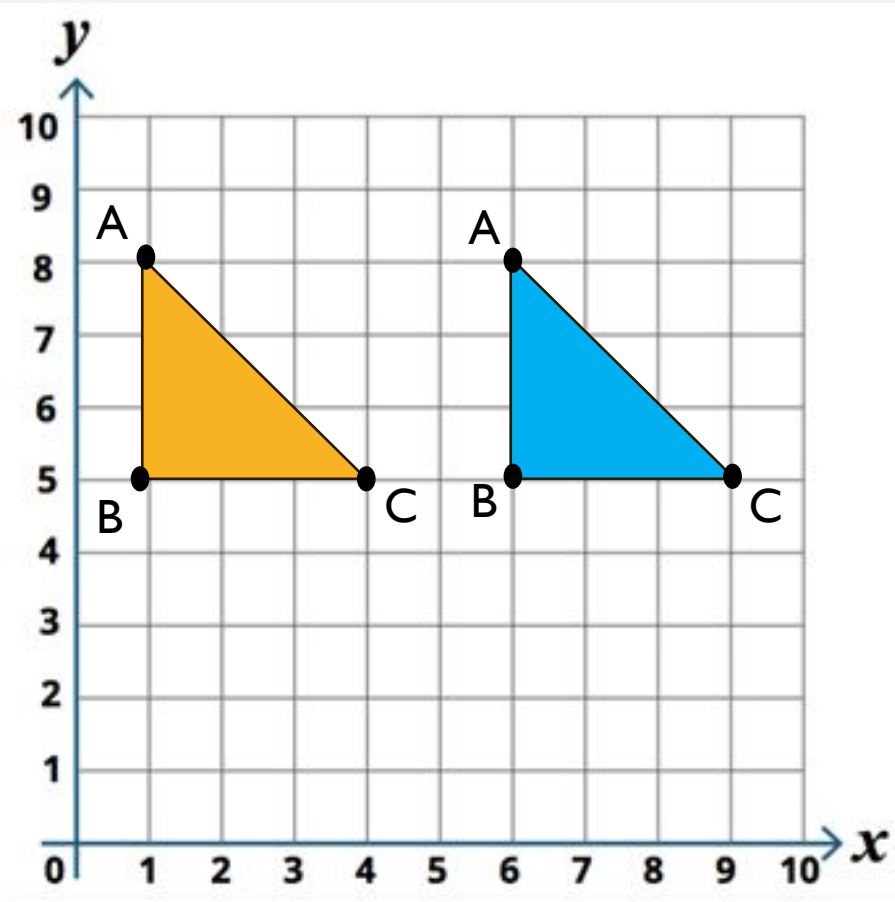
My orange triangle has the following coordinates:

A = (1, 8)
B = (1, 5)
C = (4, 5)

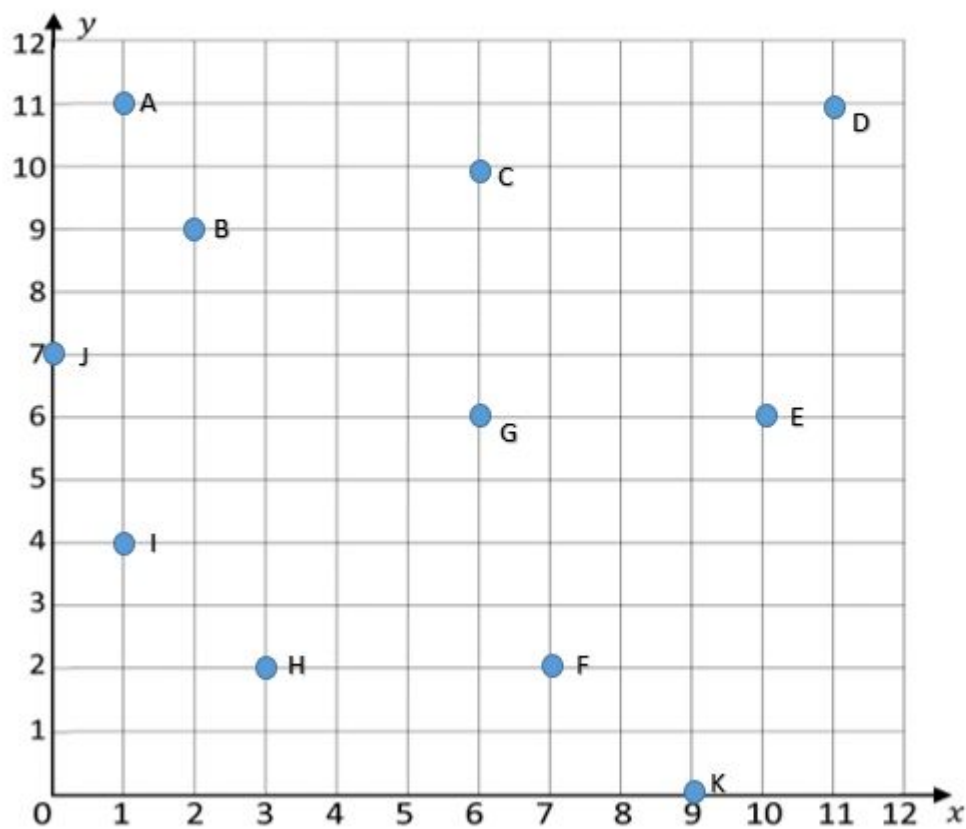If I was asked to *translate* it 5 spaces to the right it would look like the blue triangle.

Count the 5 squares that point B has moved.

Points A and C have also moved 5 points to the right.

CHALLENGE 1:

Look at the grid below.

1. Give all of the coordinates for each point.

Point A = (,)

Point B = (,)

Point C = (,)

Point D = (,)

Point E = (,)

Point F = (,)

Point G = (,)

Point H = (,)

Point I = (,)

Point J = (,)

Point K = (,)

2. Now describe the translations from point to point.

The first one has been done for you as an example.

From Point A to Point B – 1 right and 2 down

From point B to point C - _____

From point C to point D - _____

From point D to point E - _____

From point E to point F - _____

From point F to point G - _____
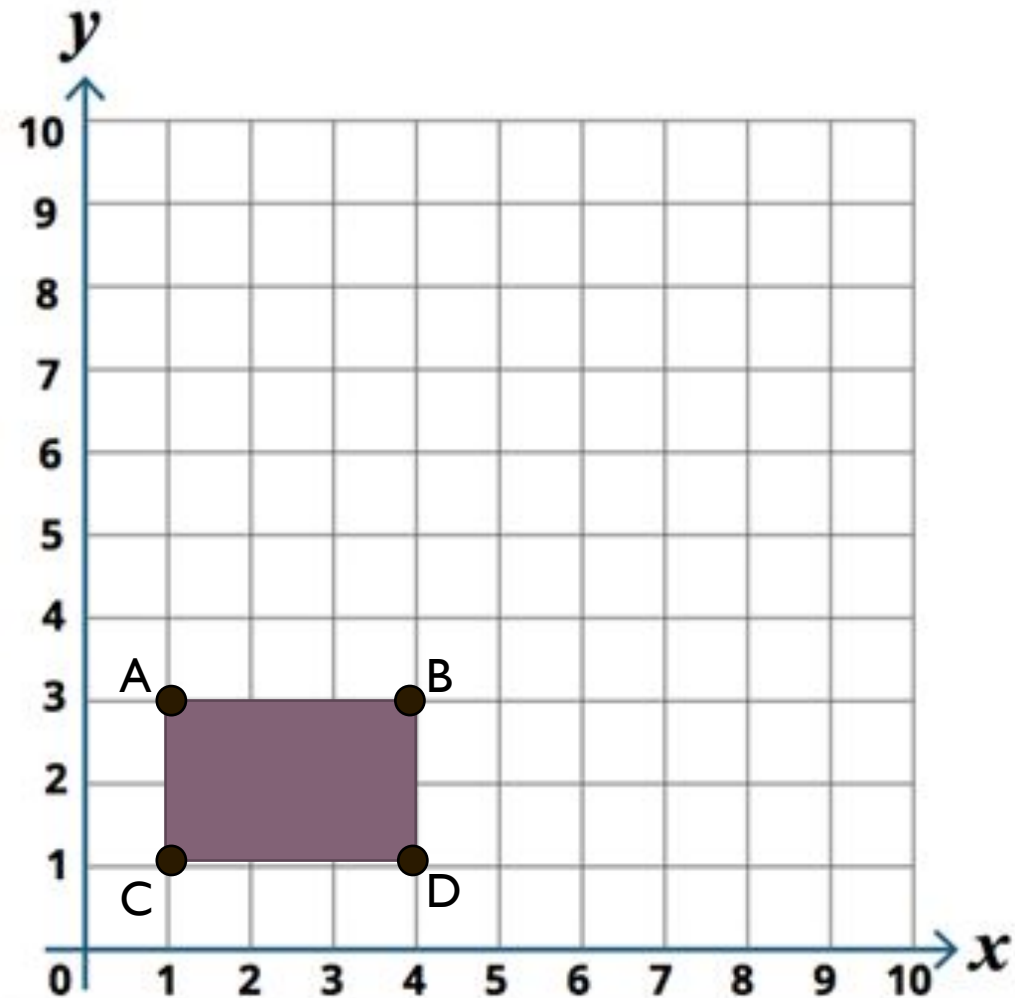
From point G to point H - _____

From point H to point I - _____

From point I to point J - _____

From point J to point K - _____

CHALLENGE 2:

Draw out a grid, move the triangle to the given translations and then write the new coordinates of points A, B, C and D.

1.) **Move the rectangle 3 squares up.**

What would the new coordinates of points A, B, C and D be?

2.) **Move the rectangle 4 squares to the right.**

What would the new coordinates of points A, B, C and D be?
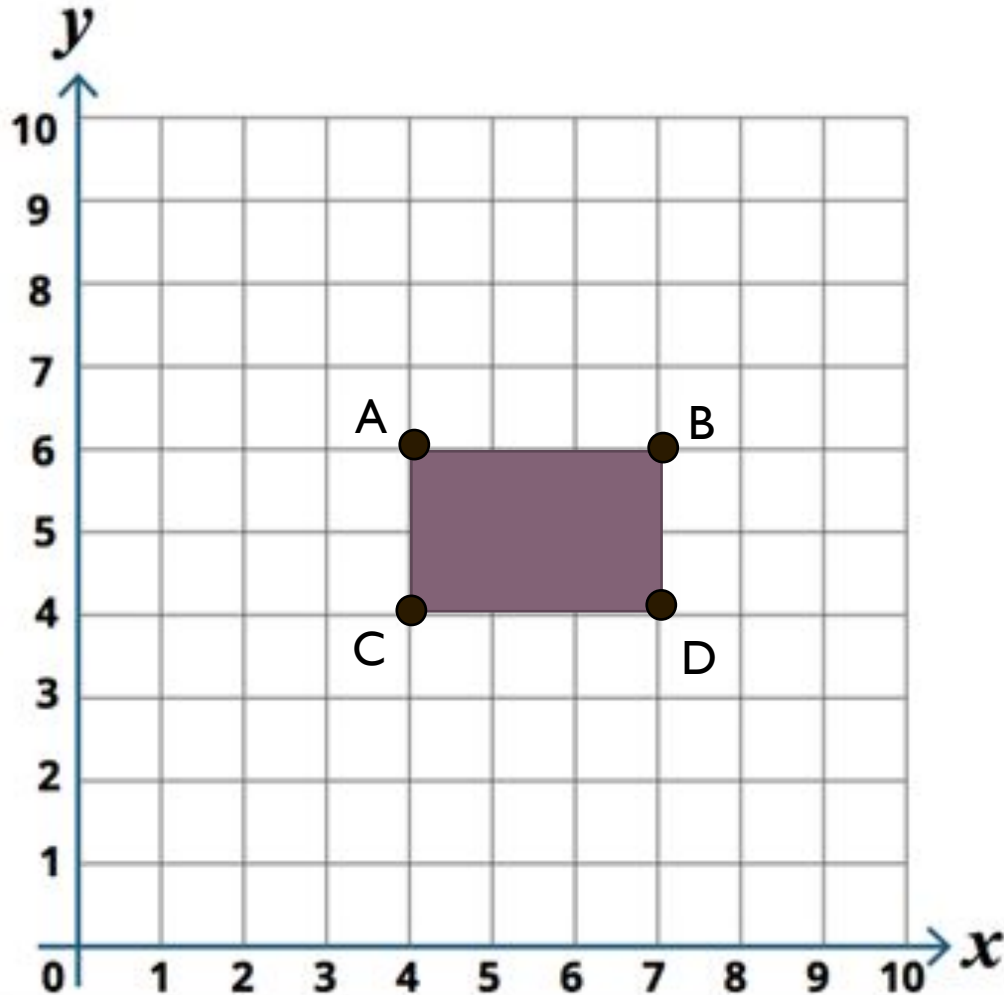
3.) **Move the rectangle 1 square to the left.**

What would the new coordinates of points A, B, C and D be?

4.) **Move the rectangle 6 squares up.**

What would the new coordinates of points A, B, C and D be?

Draw out a grid, move the triangle to the given translations and then write the new coordinates of points A, B, C and D.

1.) **Move the rectangle 2 spaces to the left and one space down.**

What would the new coordinates of points A, B, C and D be?

2.) **Move the rectangle 2 spaces down and 2 spaces to the right.**

What would the new coordinates of points A, B, C and D be?

3.) **Move the rectangle 1 space up and 3 spaces to the right.**

What would the new coordinates of points A, B, C and D be?

4.) **Move the rectangle 3 spaces down and 1 space to the left.**

What would the new coordinates of points A, B, C and D be?

ENGLISH:

Today I would like you to discuss the question 'What do you need to be happy?'
Here are some ingredients for happiness. Make cards for them and rearrange them in order of what you think is most important to least important. Can you see if people in your family would put the things in the same order? Can you explain why you have put them in the order you have?

Your own idea!

Your own idea!

Family

A warm home to live in

Lots of money

A pet

Enough money

Tasty food!

Friends

Video games

Your own idea!

A garden

A job

JAPAN ROUND UP RESEARCH

This week is round up research for Japan. Find out anything else you want to know that interests you! ☺