

Monday 19th January

Morning Challenge

Adding suffixes beginning with vowel letters to words ending in -fer

referring

referred

referral

reference

referee

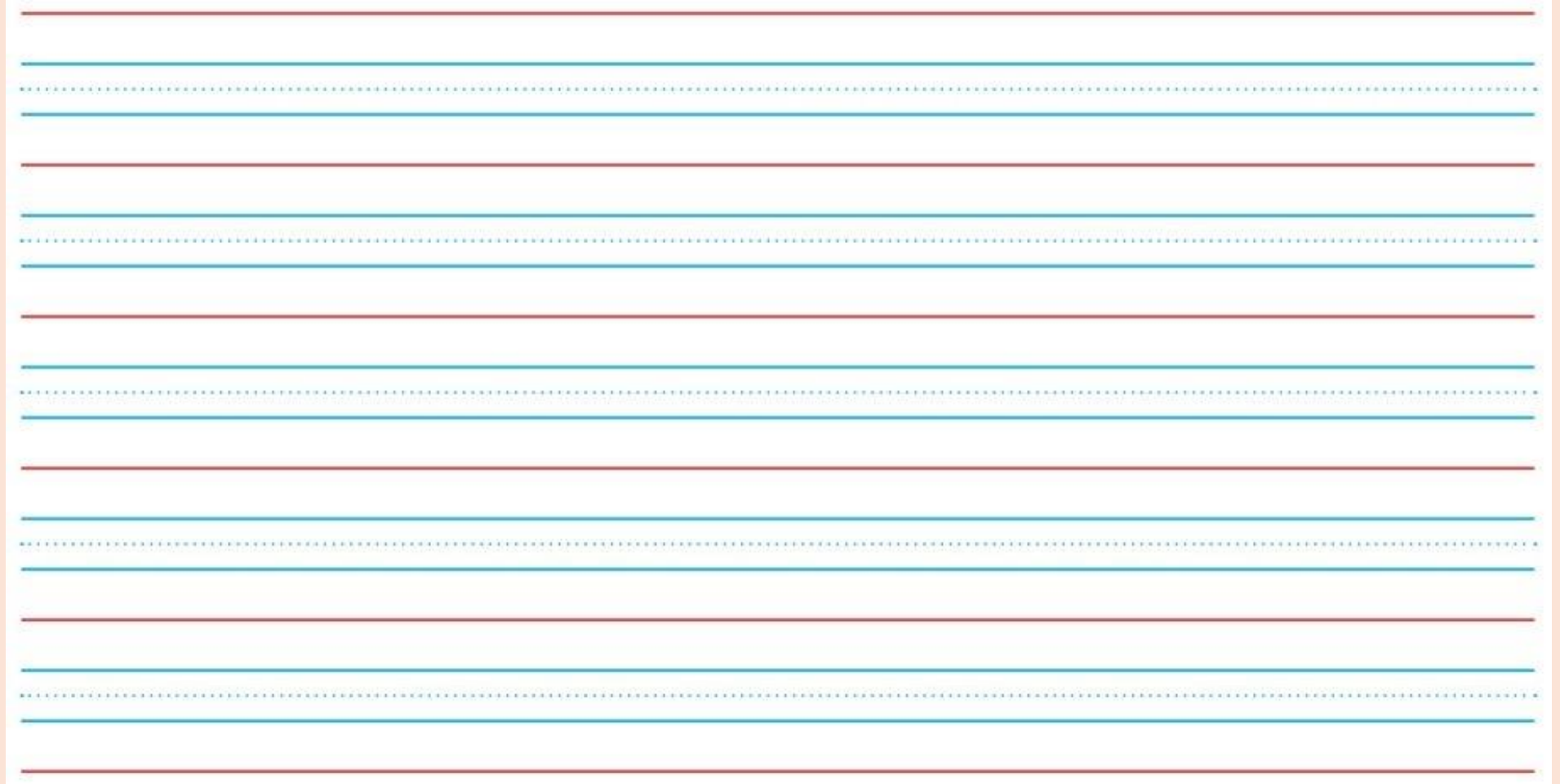
preferring

preferred

preference

transferring

transference



Challenge – Write a sentence including a spelling with a relative clause.

Times Tables

1. Flat screen TV

Price: £625

Number sold: 23

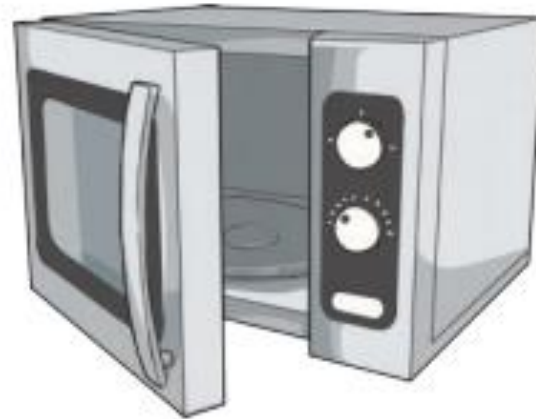


$$\begin{array}{r} \text{£} \quad 6 \quad 2 \quad 5 \\ \times \quad \quad 2 \quad 3 \\ \hline \\ \hline \\ \hline \end{array}$$

2. Microwave

Price: £218

Number sold: 62



$$\begin{array}{r} \text{£} \quad 2 \quad 1 \quad 8 \\ \times \quad \quad 6 \quad 2 \\ \hline \\ \hline \\ \hline \end{array}$$

19.01.26

TBAT: name, classify and identify properties of quadrilaterals

3 in 3

[Daily 10 - Mental Maths Challenge - Topmarks](#)

1. 365×34

2. $9/17 \times 1/3 =$

3. Make this statement correct.

$$\pounds 3.99 \times 8 > \pounds 4.__ \times 7$$

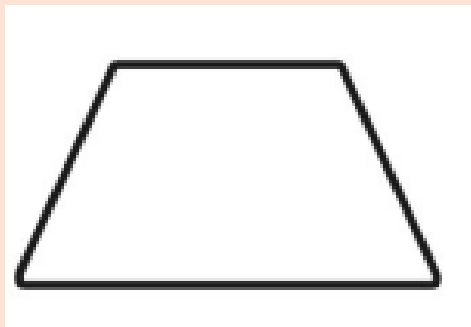
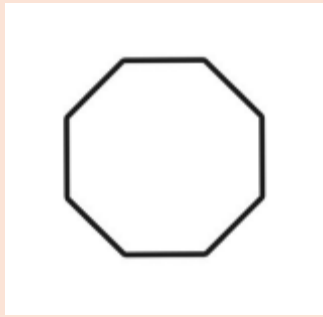
Challenge - The answer is $\frac{3}{4}$. What is the question?

19.01.26

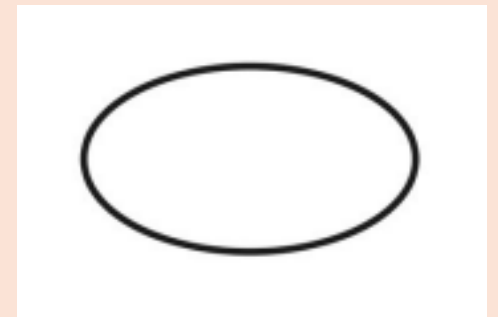
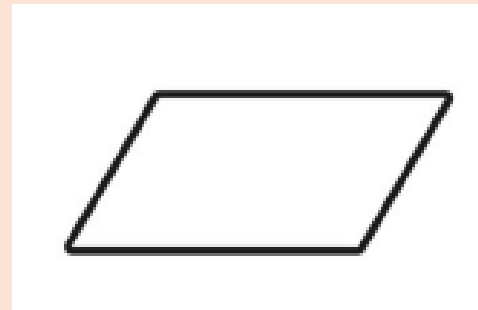
TBAT: name, classify and identify properties of quadrilaterals

Name each shape here.

Blue



Green

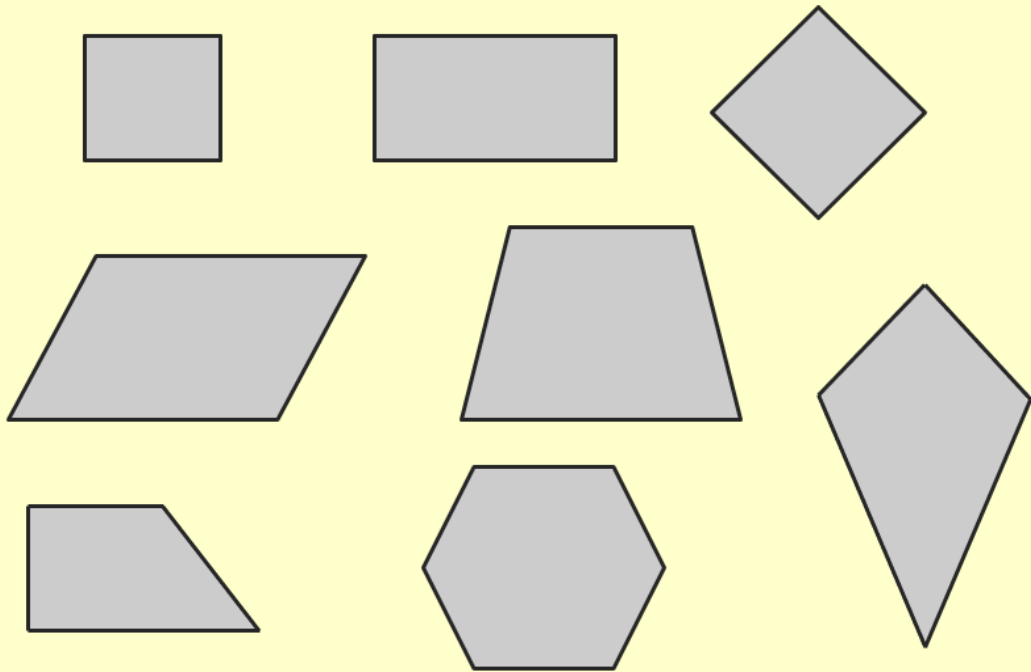


How many types of triangle can you name?

19.01.26

TBAT: name, classify and identify properties of quadrilaterals

Which shape is the odd one out?



Which shape is the odd one out?

Why?

I can prove my answer by

What do all quadrilaterals have in common?

19.01.26

TBAT: name, classify and identify properties of quadrilaterals

Tell me about this shape.

What is it called?

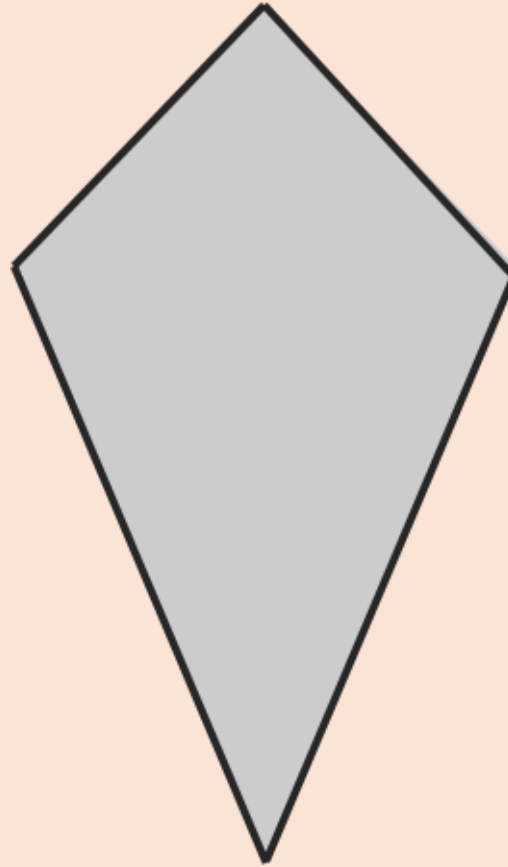
How many angles does it have?

What type of angles?

How many sides?

What are the sides like?

Any lines of symmetry?



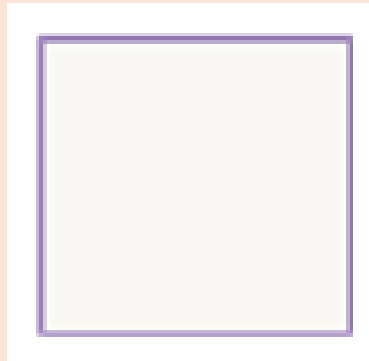
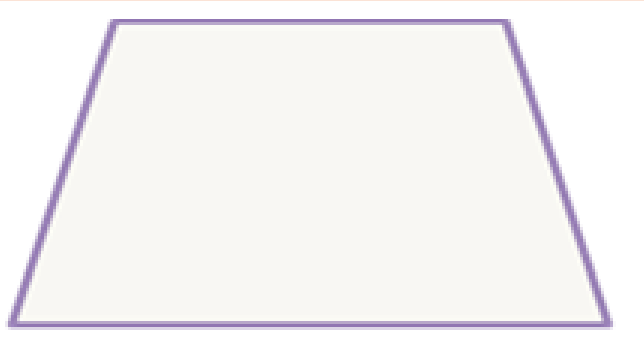
True or false? A parallelogram has no lines of symmetry. Explain your reasoning.

19.01.26

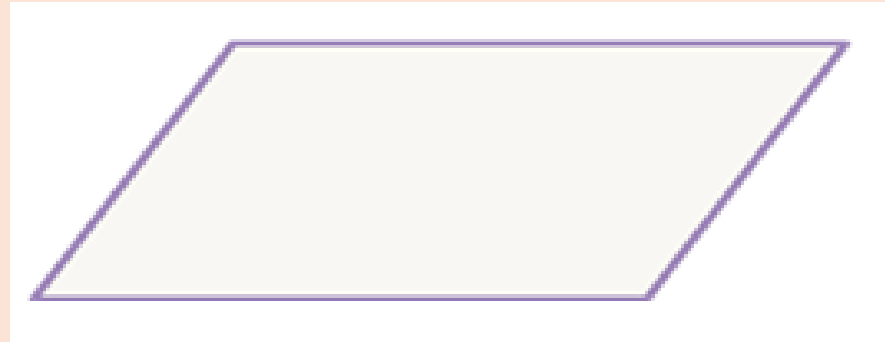
TBAT: name, classify and identify properties of quadrilaterals

Name and describe each shape and the properties it has.

Blue







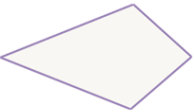

Green



Challenge

A _____ has two sets of parallel sides, 2 matching acute and obtuse angles

19.01.26
TBAT: name, classify and identify properties of quadrilaterals.

	Name	Angles	Sides	Symmetry
				
				
				
				
				
				

RP - There are only two lines of symmetry in a square. Do you agree? Explain your reasoning.

Four shapes, A, B, C and D, are all quadrilaterals.

- A has two pairs of equal sides but no right angles.
- B has four equal sides and four right angles.
- C has exactly one pair of parallel sides.
- D has four right angles but not all sides are equal.

Challenge – name a different quadrilateral for each shape.

Mastery Challenge - Answer true or false for each statement below and explain why.

- All Quadrilaterals have at least 1 line of symmetry.
- All quadrilaterals have at least 1 pair of matching angles.
- Trapeziums have only one pair of parallel sides.
- A square could also be classified as a rectangle.
- All shapes with 4 right angles have two lines of symmetry.
- The diagonals of a rectangle are always the same length.

Mastery with Greater Depth -

I have at least 1 line of symmetry.
I have more than two matching angles.
What shape/s could I be and why?

Monday 19th January

TBAT: retrieve and infer information from a text.

3 in 3

As the desolate days of winter trudged sluggishly on, its iron fist showed no signs of slackening its vice-like grip. Long gone were the euphoric shrieks and giddy excitement that accompanied the first flurries of snow. Now, the savage elements – laced with swarms of stinging bees – bullied everyone indoors. Longing for footfall and activity, the forlorn streets welcomed the patter of young feet that danced along the curb; their archways echoed with the ring of joyful laughter and their windows inquisitively watched. The girl – plucking a chalky pebble from the pavement – added her signature to the haphazard register on a wall: Anna.

1. Find and copy one word from the first sentence that shows winter is moving slowly.
2. What does the phrase “its iron fist showed no signs of slackening its vice-like grip” suggest about the weather?
3. According to the text, what did the streets welcome?

Monday 19th January

TBAT: retrieve and infer information from a text.

Make a prediction:
What is the text type
and what is the genre?

Support your answer
with evidence - How do
you know?

Trapped

Peacefully, the crisp, white snowflakes tumbled towards the earth, atop of the sleepy Barcelona suburb, blown by a blustery wind, which whistled through the labyrinth of dark alleys and huddled houses. Alma tried her best to dart and dodge in between each flake, causing her to bounce all over the cobbled path. Her pale pink gilet was the colour of her rosy cheeks and her small button nose, which had been exposed to the chilly weather for just a few minutes too long. Rested on her head, sat a grey bobble hat - warm and snug. This young girl had not a care in the world as her arms waved about playfully as she continued to skip through the cascading snow.

As Alma continued down the tight alleyway, she all of a sudden skidded to a halt as her eyes were drawn towards a wall. The wall was illustrated with the names of boys and girls; each carefully scribed in white chalk - some large, some small, some straight, some crooked. As she stood at the wall, staring at each and every signature, Alma's face curved into a smile and she picked up the little stump of chalk that rested on the stone floor below the wall. "How did this get here?" she muttered under her breath, with delight. And before she knew it, she had etched her sweet name, 'Alma', on the grey canvas. Alma took a deep breath and gazed up at her name adoringly, dropping the chalk back on to the floor.

But, at that moment, an eerie metallic creak pierced the silence of the winter's day. Alma no longer felt alone and was suddenly compelled to turn around...

There it stood. The doll. Not just any doll, no. Alma loved dolls. But this doll...this doll was something very different. It was an identical image of herself: the pale pink gilet, the rosy cheeks, the small button nose, and the grey bobble hat sat upon its head. It stood proudly behind a dusty window in an old run-down shop, of which Alma was sure had been empty just a few minutes earlier. Alma felt a frosty chill shoot down her spine, yet this chill had nothing to do with the cold weather. Alma's feet were pulled towards the window, where the doll had just appeared, by an undeniable urge to find out why this doll was there, staring down at her with its still, shiny eyes.

Monday 19th January

TBAT: retrieve and infer information from a text.

Skim and scan

(A form of reading in which the reader reads the text fast in order to get the subject without paying particular attention to unnecessary detail.)

Alma

doll

Trapped

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TBAT: retrieve and infer information from a text.

Reading Time – 10 minutes

What do you need to do as you read the given text?

Trapped

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Monday 19th January

TBAT: retrieve and infer information from a text.

Retrieval question

Why was this doll very different? (1 mark)

What is the key word we are looking for within the text ?

Do you need to skim and scan across the whole text?

Trapped

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Monday 19th January

TBAT: retrieve and infer information from a text.

Inference question

But, at that moment, an eerie metallic creak pierced the silence of the winter's day. Alma no longer felt alone and was suddenly compelled to turn around...

How was Alma feeling at this point in the story?

Trapped

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Monday 19th January

TBAT: retrieve and infer information from a text.

3 mark question

How did the feelings of Alma change from the beginning of **the story to the end?**

Use evidence to support your answer.

Compose an answer with your partner.

Trapped

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Monday 19th January

TBAT: retrieve and infer information from a text.

Retrieval

1. What time of year is the story based and how do you know? (2 marks)
2. Where was the doll when Alma saw it for the first time? (1 mark)
3. How did Alma enter the shop? (1 mark)
4. Where was the doll of Alma positioned in the room when she entered the shop.

top shelf

in the window

in the centre of the room

bottom shelf

Inference

1. *This young girl had not a care in the world.*

What does this tell you about Alma's character? (1 mark)

2. How was Alma feeling when she first saw the doll? Use evidence to support your answer (2 marks)

3. *Finally, her finger touched the tip of the identical doll's small button nose, when...*

WHOOOSH! Alma felt her entire body melt away, as though devoured by an unknown black abyss.

What do you predict would happen and why?

4. How do you believe Alma ended up in this situation? (3 marks)

Monday 19th January

TBAT: retrieve and infer information from a text.

Challenge:

Use three adjectives to describe Alma's character.

Mastery:

Why do you think the author decided to use this grammatical structure?

There it stood. The doll. Not just any doll, no. Alma loved dolls. But this doll...this doll was something very different.

Mastery with GDS:

At what point has the author changed the mood of the story and how has this been done effectively?

Monday 19th January

KQ: I can explain why a variable is used in a program?

1 Match each example to the correct keyword: (Write the correct letter in each box)

a	“score” in a game
b	10 points in a game
c	changing your name from “Tom” to “Sam”
d	a word or number stored in a program

	value
	name
	change
	variable

2 What is a variable in a computer program? (Tick 1 correct answer)

- ☐ a type of sprite
- ☐ the background of the stage
- ☐ a named piece of data stored in memory
- ☐ a sound effect

3 What is the data stored inside a variable called?

Keywords

variable

a named piece of data stored in a computer's memory which can be accessed and changed by a computer program

change

to update the value of something in a program

set

to give a variable a starting value in a program

value

the data stored in a programming variable which can be used or changed

Monday 19th January

KQ: I can explain why a variable is used in a program?

What is a variable?

What variables were we working with last lesson?

A variable can be **set** and **changed** while a program is run.

This is a video of a game being run.

What values are being **set** and **changed** in this game?



Monday 20th January

KQ: I can explain why a variable is used in a program?

A variable is a placeholder in the memory of a computer. It can hold **one value** at a time.

Each variable in a program is **named**.

Write down the **name** and **value** of these variables.

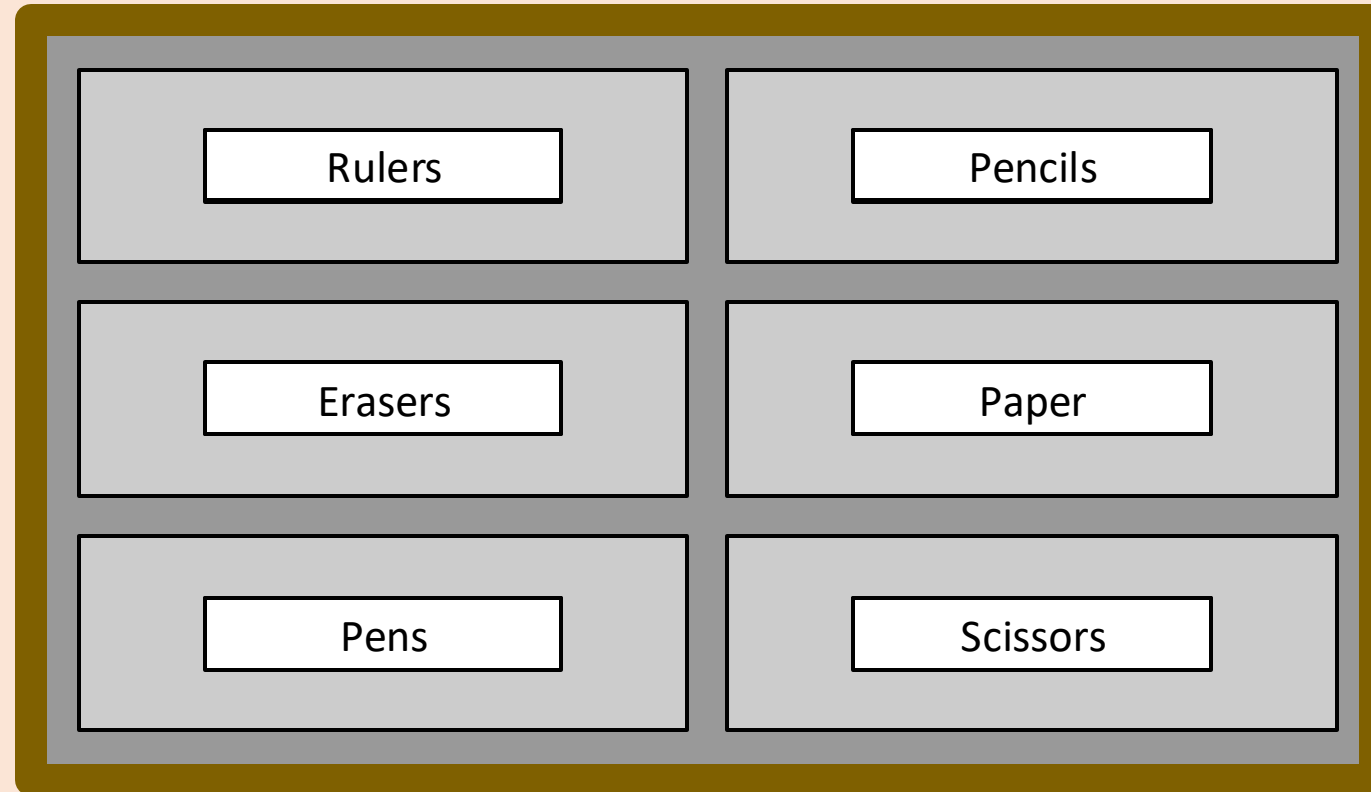


Name: Number
162

Value: Name: Favourite_food
Value: Chocolate cake

Why is 'Number' not a useful name for a variable?

Which drawer are the pencils in?



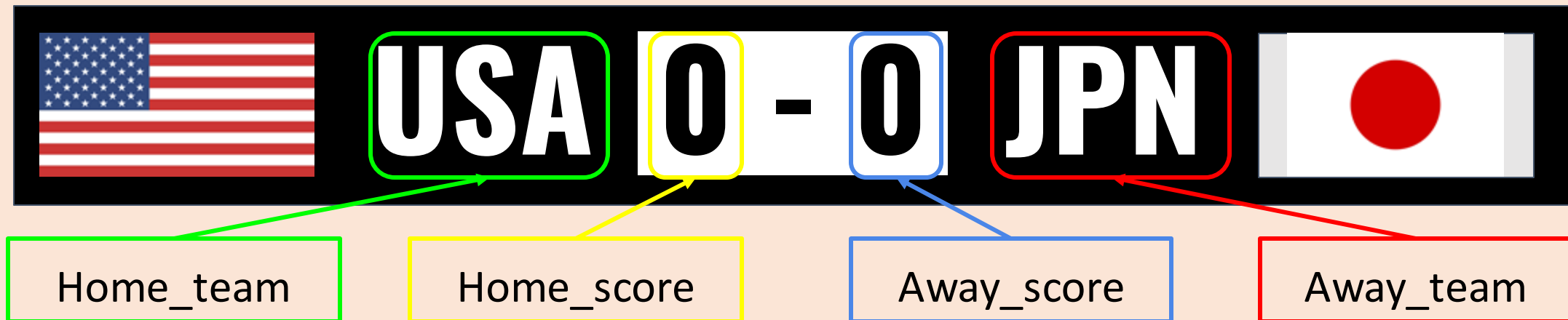
Why is this more helpful? Think, pair, share.
Why don't you know?

Naming variables

Just like drawers, variables are named so that you know what they contain.

To help when programming, variable names should be short and unique. They should contain underscores instead of spaces. For example, Home_team

Below are variable names that could be used for a scoreboard:



Monday 19th January

KQ: I can explain why a variable is used in a program?

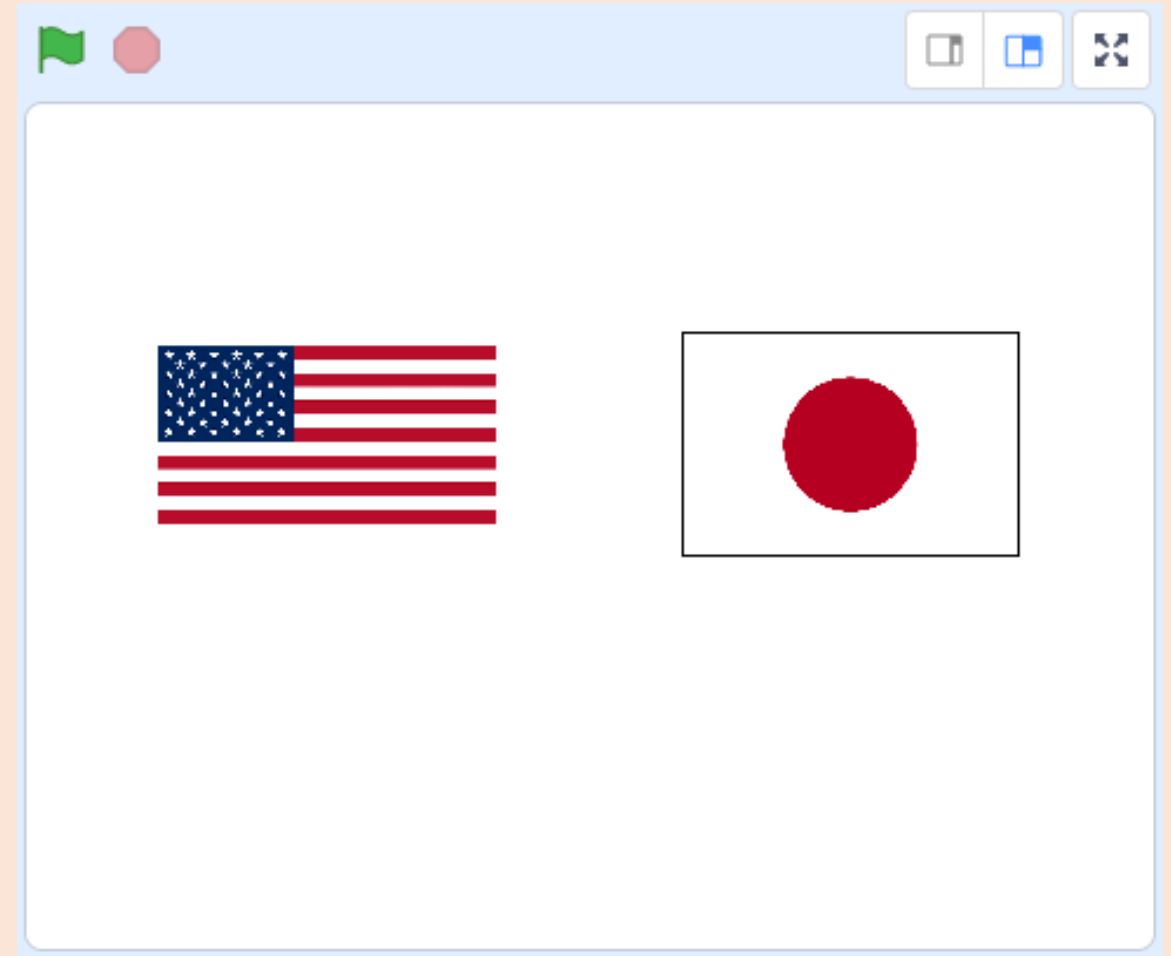
Make a scoreboard in Scratch

You are going to make a project that simulates a scoreboard in Scratch.

Each time you click on a flag sprite, the score for that country will increase by one.

Project template:

ncce.io/scoreboard



Exit Quiz

How many values can a variable hold at one time?



Name: Number
Value: 162

Name: Favourite_food
Value: Chocolate
cake

A

1

B

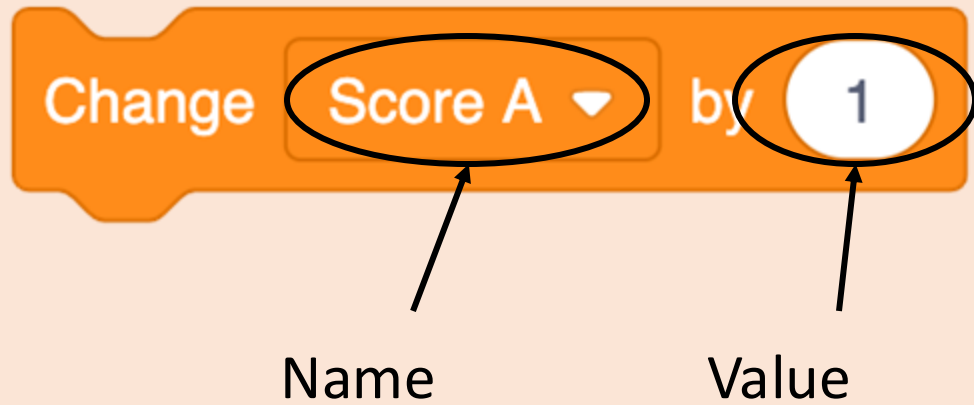
2

C

Any number

Quiz time

What do all variables have?



A

A name only

B

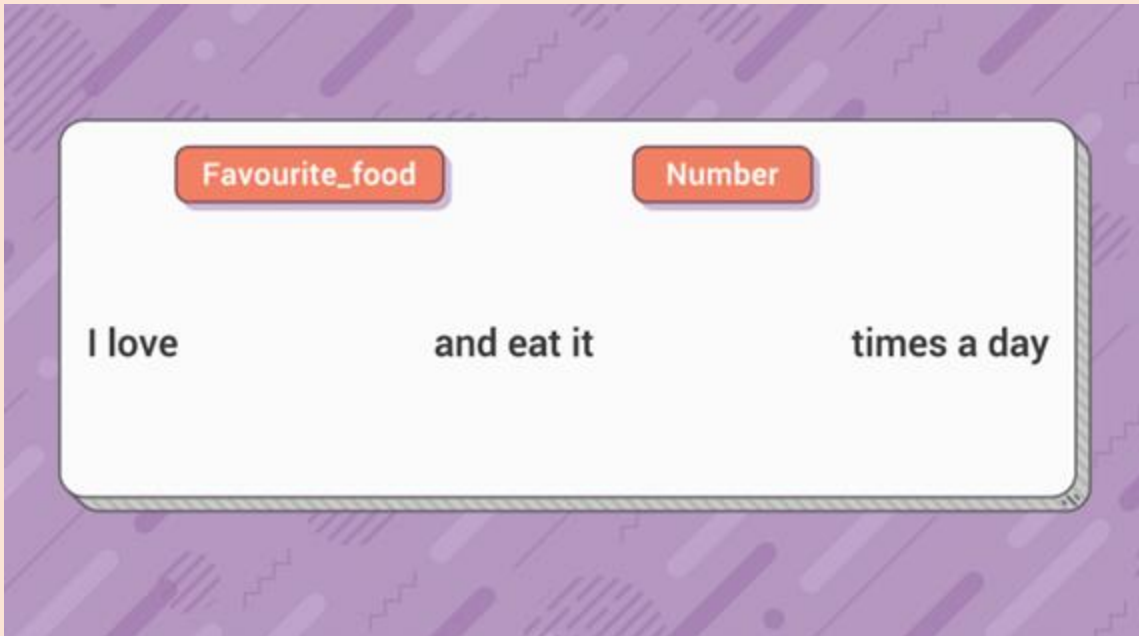
A value only

C

A name and a value

Quiz time

When running a program, which part or parts of a variable can be updated?



A

Name only

B

Value only

C

Name and value

Monday 19th January

Dance

To perform a bhangra dance, showing an awareness of timing, formations and direction.

Success Criteria

- Use counts of 8 to help you to stay in time with each other.
 - Use strong, confident actions.