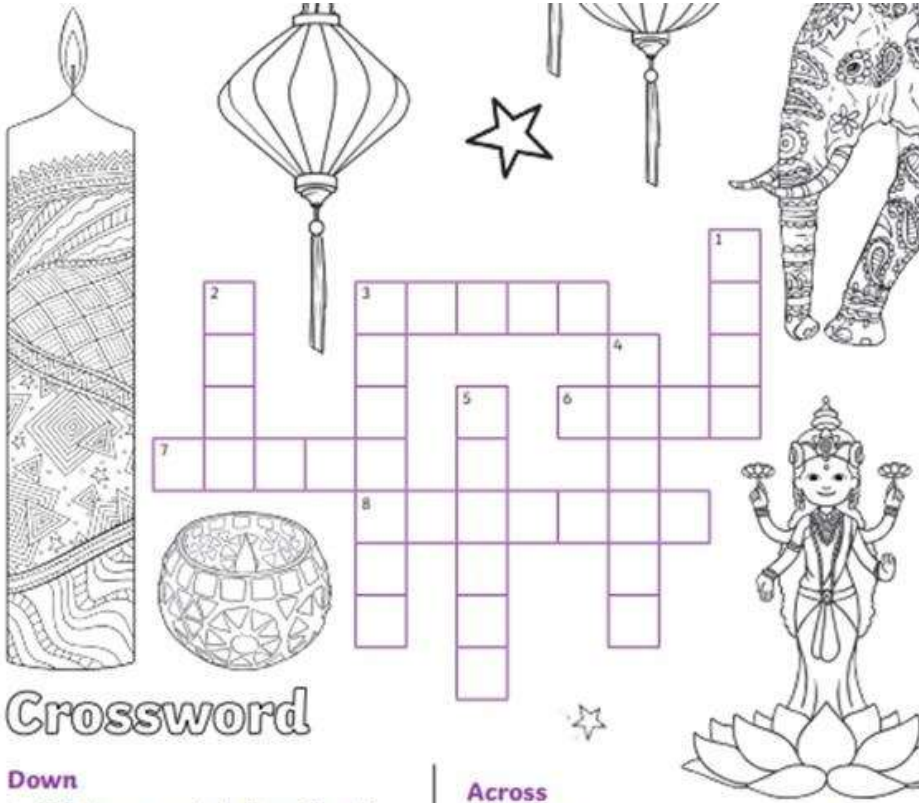




Crossword

Down

1. Oil lamp used during Diwali.
2. The name of the beautiful wife.
3. The goddess of wealth.
4. The name of the evil ten-headed creature.
5. The type of animal who built a bridge to help rescue the princess.

Across

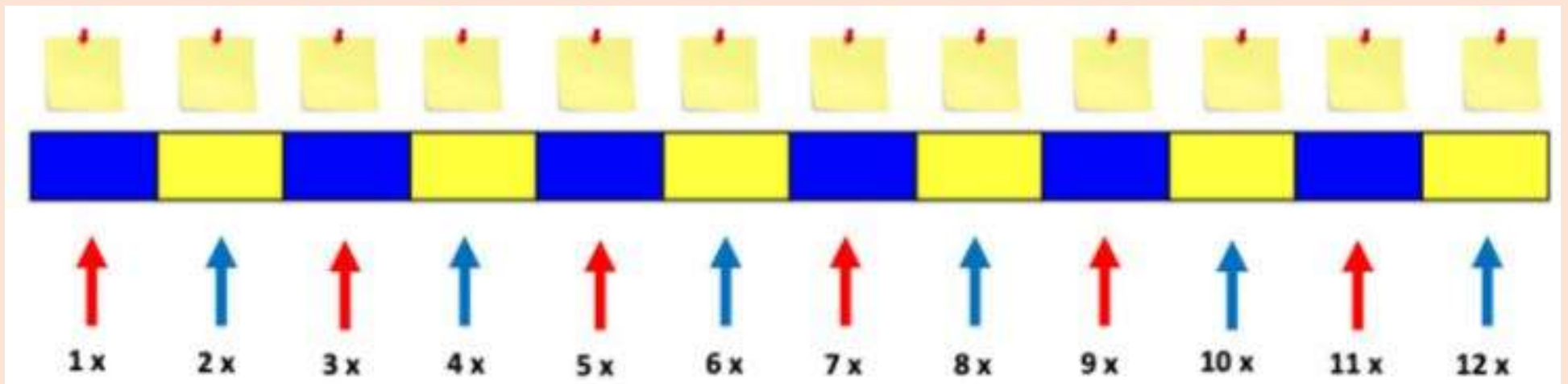
3. Diwali is also called a Festival of _____.
6. The hero prince banished with his wife.
7. These are lit to celebrate Diwali.
8. The helpful animal king.

Word Search

- | | |
|-------------|-----------|
| ◇ Diwali | ◇ Sita |
| ◇ Rama | ◇ lantern |
| ◇ Hindu | ◇ light |
| ◇ fireworks | ◇ lamp |

p	l	s	g	s	i	t	a	p
u	p	g	r	h	i	n	d	u
j	y	a	s	t	l	a	m	p
i	e	r	p	l	i	g	h	t
l	a	n	t	e	r	n	c	h
f	i	r	e	w	o	r	k	s
r	u	a	l	u	g	c	l	m
u	e	m	n	b	c	n	r	u
c	l	a	d	i	w	a	l	i

Complete the 7x tables beginning with the easiest number.



TBAT- use column method for subtraction.

3 in 3

1) What is the value of the digit 8 in each number:

a) 8, 766 b) 238 c) 816, 000

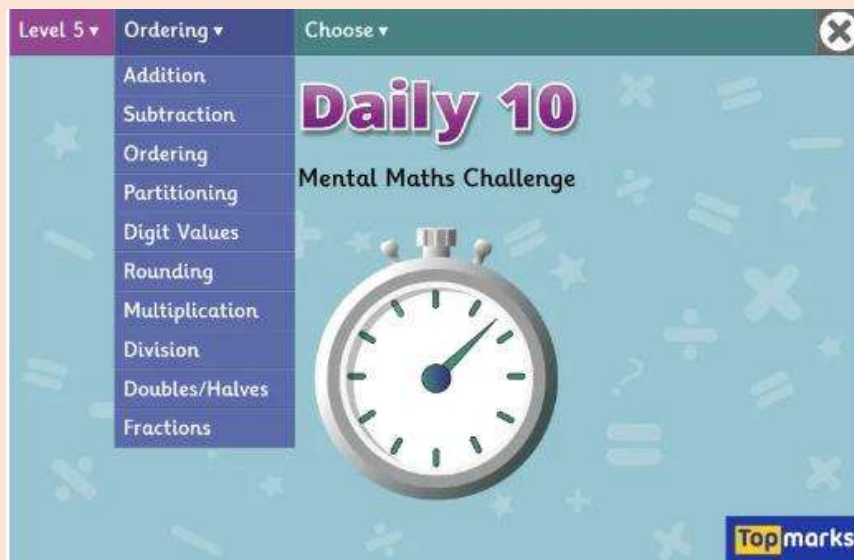
2) $7 \times ? = 49$

3) $567 + 1, 002 =$

Challenge: There are 45 pencils in a box.
If there are 9 boxes, how many pencils
are there altogether?

Daily 10

x 7s



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

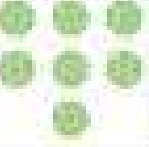
Discuss: Why would you use a mental method for these problems?
Then complete in your books, using only a mental method.

Blue $12,872 - 1,001 =$

Green $45,014 - 4,001 =$

Challenge: How could you check that your answer is correct?
Prove it.

Class Work:

	Th	H	T	O
				
-				

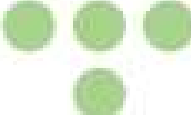
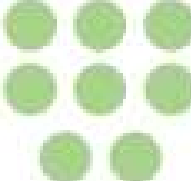
4,732

3,772

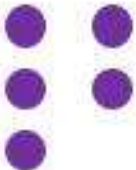
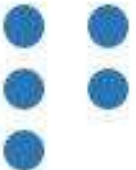
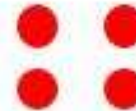
3,732

Talk partners:

Spot and correct the mistakes.

	Th	H	T	O
				
-				
	2	4	4	2

Whiteboard work:

Th	H	T	O
			

$$- 2,423 =$$

Calculate the missing answer.

	6	4	7	0	7
-	1	0	4	1	2

Which answer do you think will be correct and why?
Use your whiteboard to check.

	4	3	0	5	5
–	1	1	5	3	9

A. 31,616

B. 32,516

C. 31,516

In books: Make sure the layout is done correctly, it is very important

Blue

Th	H	T	O
			

$$- 1,511 =$$

Green

Th	H	T	O
			

$$- 4,235 =$$

Independent: Write Q 1-3 in your books.

1) $5,356 - 1,019 =$

2) $63,526 - 8,628 =$

3) Put RP and then write Q3 in your books.

The answer is ... A/B/C?

	6	3	0	7	6
-	3	1	2	6	8

A. 31,208

B. 31,808

C. 32,212

	T	Th	Th	H	T	O
	●	●	●	●	●	●
	●	●	●	●	●	●
-	●	●	●	●	●	●
	2	3	3	1	3	

Is he correct? Explain why.

Identify the mistakes.

a

$$\begin{array}{r} 7234 \\ - 3589 \\ \hline 3645 \end{array}$$

b

$$\begin{array}{r} 4681 \\ - 2725 \\ \hline 1966 \end{array}$$

c

$$\begin{array}{r} 7824 \\ - 4258 \\ \hline 3664 \end{array}$$

d

$$\begin{array}{r} 9236 \\ - 6457 \\ \hline 2779 \end{array}$$

Challenge:

6a. Kai has used column method to answer the subtraction below.

	² 3	¹ 2	¹ 0	4	3
-	1	0	8	4	2
	1	1	2	1	1

Is he correct? Explain why.

Mastery:

9b. Ava has used column method to answer a subtraction and has written it out below.

500 hundreds, 8 tens and 0 ones
subtract 2 ten thousands, 9
thousands and 826 ones equals 200
hundreds, 26 tens and 3 ones.

Is she correct? Explain why.

Outcome TBAT- recognise why the order of results is important and to whom.

index

the location of items or elements in a list, array or string

rank

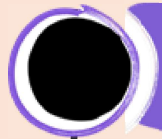
the order search results appear in, based on how useful and relevant they are

limitations

something that restricts what is possible or prevents something from working perfectly

Lesson outline

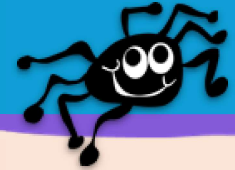
How search results can be influenced



Describe how search results can be influenced



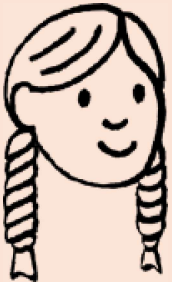
Recognise limitations of search engines



Search engines use programs called web crawlers to create an **index** of the web.

A web crawler is a program that visits websites and adds information about them to the search engine's **index**.

By using a web crawler to create an **index**, the search engine does not need to search the entire internet when something is typed in.



Laura

How do search engines decide to order results?

Search engines use an algorithm (a set of rules) to decide **rankings**. It is not in random order.

Websites use SEO (search engine optimisation) to help search engines notice them and show them near the top of the list.



Jacob

Search engines are free to use, so how do they make money?

While search engines are free to use, they still need to make money.

Describe how search results can be influenced



Search results make money on their listings.

The search term was 'guitar'.

Talk partners:

What do you notice about this listing?

Where could money be made?

See guitar

Sponsored ⓘ

				
Guitar for sale	Guitar for sale	Guitar for sale	Guitar for sale	Guitar for sale
£150.99	£150.99	£150.99	£150.99	£150.99
www.guitarsforsale.com	www.guitarsforsale.com	www.guitarsforsale.com	www.guitarsforsale.com	www.guitarsforsale.com
		★★★★☆		★★★★☆

Music shop - Guitars online
Ad www.guitarsonline.com 0123 456 7890
Buy award winning musical instruments

Largest guitar store - click and collect today
Ad www.guitarseverywhere.com 0987 654 3210
Buy all types of guitars here

Describe how search results can be influenced



One way search engines make money is through advertising.

Websites can pay to have their links show up at the top of search results as sponsored results.

These results look similar to normal search results but usually say '**Ad**' (short for advert) or '**Sponsored**' next to them.



Sponsored results are paid by companies, so they appear at the top.

Other results appear below them and are **ranked** by relevance.

Search engines earn money when people click on ads or sponsored links.

Describe how search results can be influenced



Check

Which of these is a way that search engines make money?

a

They charge users to search.

b

They sell computers.

c

They display sponsored results and adverts.

d

They ask for donations.



Describe how search results can be influenced



Some search engines may also **rank** results based on where you are. This is dependent on the settings on the device you are using to search.

This can be helpful if you are trying to find something nearby or local to you.





Jacob

Does everyone see the same results?

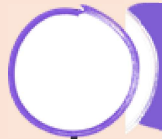
Search results are not the same for everyone.

They can be influenced by:

- your location
- your past searches
- your language settings

Lesson outline

How search results can be influenced



Describe how search results can be influenced



Recognise limitations of search engines



Sam

Is every page on the internet found on the World Wide Web?

Not everything can be found on the World Wide Web. Search engines can only find web pages that are **indexed**. Some information, such as private data or offline content, would not appear in search results.



Which of the following statements about search engines is **true**?

a

Search engines can find everything on the internet.

b

Search engines only show results from their index.

c

Search engines search the entire internet every time you type something.



Recognise limitations of search engines



Some words have more than one meaning, which can give confusing results.

If you search for the word 'jaguar', it could search for any of the following:

- a car brand
- a big cat
- a sports team



Is everything you read online true?

Is everything you read online up to date?

What problems can this cause?

Task B

Recognise limitations of search engines



Look at the 3 following scenarios and answer the questions below about each scenario.

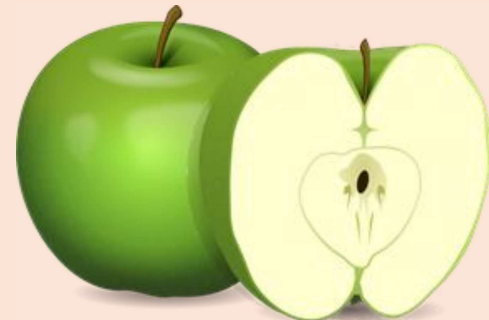
- a) What is causing the problem?
- b) How could they improve their search to find better results?

Task B

Recognise limitations of search engines



- 1) Your friend searches for “apple”, but they only find results about Apple computers, not the fruit.
 - What is causing the problem?
 - How could they improve their search to find better results?



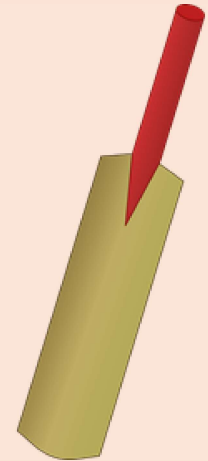
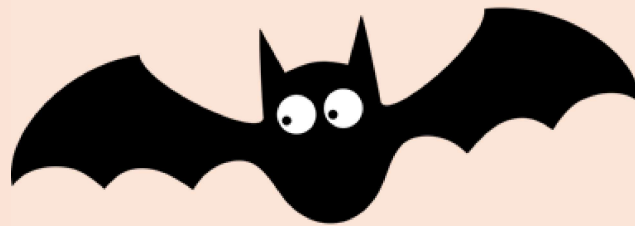
Task B

Recognise limitations of search engines



2) Your friend searches for “bat”, but the results show sports equipment instead of the animal.

- What is causing the problem?
- How could they improve their search to find better results?



Task B

Recognise limitations of search engines



3) Your friend wants to find their grandma's old blog post, but it doesn't appear in the search results.

- What is causing the problem?
- How could they improve their search to find better results?



Task B

Recognise limitations of search engines



Feedback

- 1) Your friend searches for “apple”, but they only find results about Apple computers, not the fruit.

What is causing the problem?

The search engine doesn't know if you mean fruit or technology.

How could they improve their search to find better results?

Using more specific terms such as “apple fruit”.

Task B

Recognise limitations of search engines



Feedback

2) Your friend searches for “bat”, but the results show sports equipment instead of the animal.

What is causing the problem?

The search engine doesn't know if you mean animal or cricket bat.

How could they improve their search to find better results?

Add more keywords such as “bat animal”.

Task B

Recognise limitations of search engines



Feedback

- 3) Your friend wants to find their grandma's old blog post, but it doesn't appear in search results.

What is causing the problem?

The blog might not be **indexed** or it might have been removed from the internet.

How could they improve their search to find better results?

Try searching for the blog's name or specific phrases from the post.

Summary

How search results can be influenced

Search engines make money through advertising. Websites can pay to have their links show up at the top of search results as sponsored results.

These results look similar to normal search results but usually say 'Ad' (short for advert) or 'Sponsored' next to them.

While search engines are really helpful for finding information, there are some **limitations** to using a search engine.

Talk partners: How

Monday 20th October

TBAT: retrieve information from the text and understand authors use of language.

3 in 3

1. Where does the river tumble towards?
2. Find and copy one word from the second stanza that means the same as 'come together'.
3. Fill in the missing word.
The rapids _____ on the rocks down below.

The Raging River

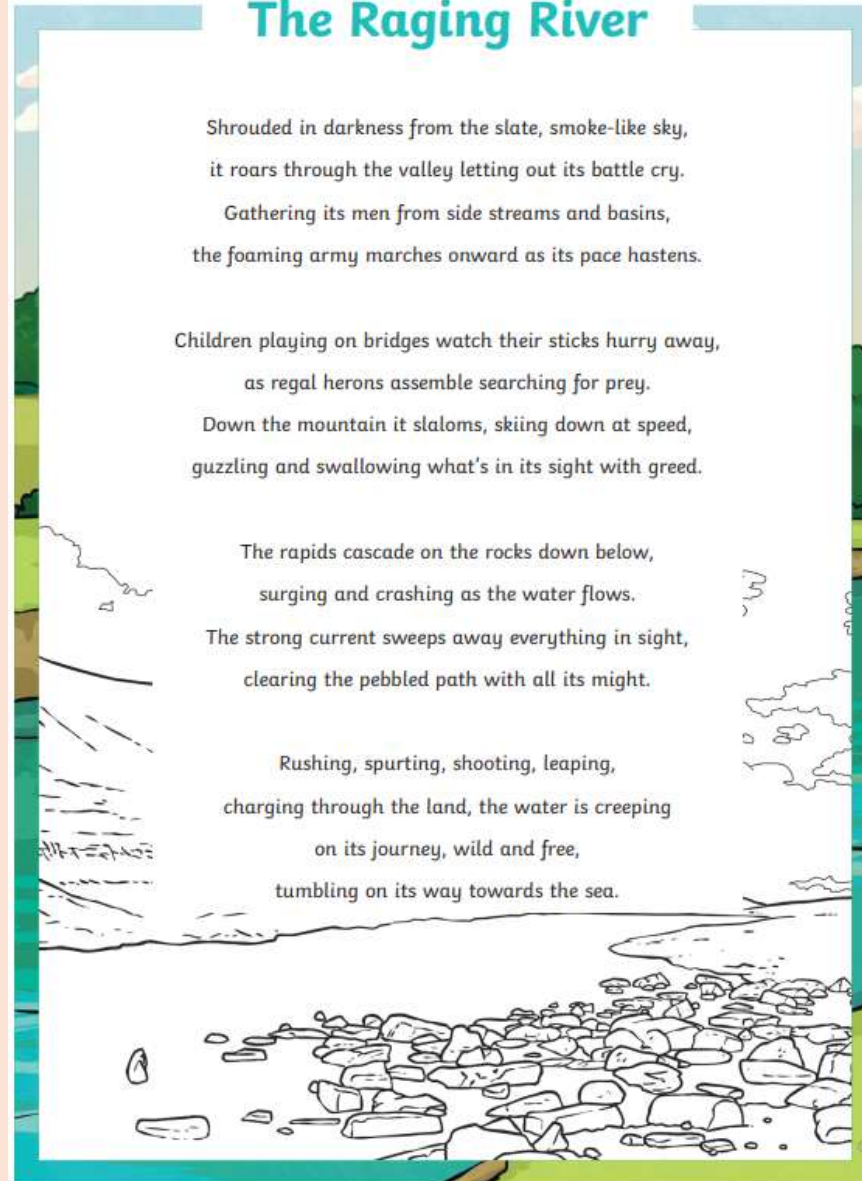
Shrouded in darkness from the slate, smoke-like sky,
it roars through the valley letting out its battle cry.

Gathering its men from side streams and basins,
the foaming army marches onward as its pace hastens.

Children playing on bridges watch their sticks hurry away,
as regal herons assemble searching for prey.
Down the mountain it slaloms, skiing down at speed,
guzzling and swallowing what's in its sight with greed.

The rapids cascade on the rocks down below,
surging and crashing as the water flows.
The strong current sweeps away everything in sight,
clearing the pebbled path with all its might.

Rushing, spurting, shooting, leaping,
charging through the land, the water is creeping
on its journey, wild and free,
tumbling on its way towards the sea.



Monday 20th October

TBAT: retrieve information from the text and understand authors use of language.

Multiple choice questions

1. What is the main theme of "The Tyger"?

A) How angry the tiger is B) Creation and the nature of good and evil C) A tiger is innocent

2. In the line "*What immortal hand or eye, could frame thy fearful symmetry?*", what does "*fearful symmetry*" suggest about the tiger?

A) It is perfectly gentle and harmless B) It is both beautiful and terrifying C) It is clumsy but strong

3. What does the shoulder and art twist?

A) heart B) brain C) nose

Monday 20th October

TBAT: retrieve information from the text and understand authors use of language.

Retrieval

1. Where does the poet say that the tiger was?
2. Choose the correct response. Mankind has a selfish:
Head, nose, brain, eye
3. Look at verse four. Complete the line of the poem.
How dare he his _____ terrors clasp!
4. Find and copy a metaphor from the poem.
5. What did the stars throw down?

The Tyger

By William Blake

Tyger Tyger, burning bright,
In the forests of the night;
What immortal hand or eye,
Could frame thy fearful symmetry?

In what distant deeps or skies.
Burnt the fire of thine eyes?
On what wings dare he aspire?
What the hand, dare seize the fire?

And what shoulder, & what art,
Could twist the sinews of thy heart?
And when thy heart began to beat,
What dread hand? & what dread feet?

What the hammer? what the chain,
In what furnace was thy brain?
What the anvil? what dread grasp,
Dare its deadly terrors clasp!

When the stars threw down their spears
And water'd heaven with their tears:
Did he smile his work to see?
Did he who made the Lamb make thee?

Tyger Tyger burning bright,
In the forests of the night:
What immortal hand or eye,
Dare frame thy fearful symmetry?



Monday 20th October

TBAT: retrieve information from the text and understand authors use of language.

Vocabulary

1. Explain what you think the poet meant when he described the animal as 'burning bright'.
2. Does the poem have a rhyming pattern? Explain how you know.
3. Write down 4 examples of alliteration from the poem.
4. What might 'sinews' be? Explain your reasoning.
5. Is this a modern poem? Explain your answer.

The Tyger

By William Blake

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Tyger Tyger burning bright,
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What immortal hand or eye,
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Monday 20th October

TBAT: retrieve information from the text and understand authors use of language.

Challenge

Why do you think the word 'tyger' is spelt with a 'y' instead of an 'i'?

The Tyger

By William Blake

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What immortal hand or eye,
Could frame thy fearful symmetry?

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