



A Day for Pie, Circles, and a Very Long Number

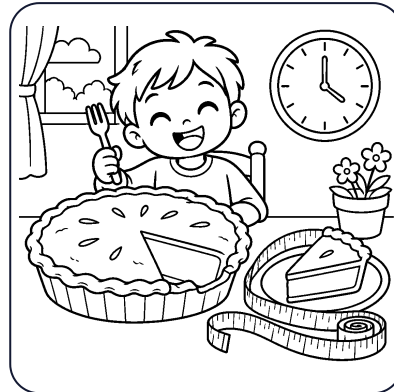
Read the story. 英文を読もう。

Class _____

No. _____

Name _____

① In 1988, a scientist named Larry Shaw had a funny idea. He worked at a science museum in San Francisco. On March 14, he and other people at the museum walked around a big circle there. Then they all ate fruit pies. That was the start of Pi Day.



② So what is pi? Pi is a number. It tells us how many times the line across a circle fits into the line around it. The answer is always about 3.14. But pi never ends. After 3.14 come 159, 265, and many more digits. In America, people write the month first, so March 14 looks like 3.14.

③ Why do people eat pie on this day? In English, pi and pie sound the same. Also, most pies are round like a circle. Some schools have pie parties, and some students throw cream pies at their teachers. Some people wait until 1:59 to cut their pie.

④ March 14 is special for another reason, too. It is the birthday of Albert Einstein, the famous scientist. In Princeton, the town where he lived, people hold an Einstein look-alike contest. Since 2020, the day has also been the International Day of Mathematics.

⑤ Some people try to remember as many digits of pi as they can. In 2006, a man in Japan said 100,000 digits from memory. It took him about 16 hours, and he ate rice balls during his breaks. You don't need 100,000 digits to have fun on Pi Day. Just remember 3.14, and have a slice of pie!

Words 単語

circle 円

number 数

digit (0~9の) 数字、けた

round 丸い

museum 博物館、美術館、科学館

throw 投げる

remember 覚えている、覚える

memory 記憶

contest コンテスト、競技会

look-alike そっくりさん

slice (薄く切った) ひと切れ

mathematics 数学



Reading Check

Choose the best answer. 正しいものを選ぼう。

Class _____ No. _____ Name _____

1. What is the story mainly about?

- (A) How to bake an apple pie
- (B) Why March 14 is a fun day for math
- (C) The life of Albert Einstein
- (D) A science museum in Japan

2. Who started Pi Day?

- (A) Albert Einstein
- (B) A teacher in Princeton
- (C) A man in Japan
- (D) Larry Shaw

3. Why do people in America think March 14 looks like pi?

- (A) Because they write the month first
- (B) Because it is in spring
- (C) Because pies are cheap then
- (D) Because Einstein liked math

4. How long did it take the man in Japan to say 100,000 digits?

- (A) About 6 hours
- (B) About 10 hours
- (C) About 16 hours
- (D) About 3 days

5. In the story, what does "from memory" mean?

- (A) By reading a book
- (B) Without looking at anything
- (C) By using a computer
- (D) With a friend's help

6. Which sentence is true?

- (A) Pi ends after 100,000 digits.
- (B) Pi and pie sound different in English.
- (C) March 14 is Einstein's birthday.
- (D) Pi Day started in Japan.

7. Why do some people cut their pie at 1:59?

- (A) Because 159 comes after 3.14 in pi
- (B) Because lunch ends at 1:59
- (C) Because the pie is hot until then
- (D) Because schools close at 1:59

8. In the dialogue, what can the winner of the pi contest do?

- (A) Eat the whole pie
- (B) Go home early
- (C) Meet Einstein
- (D) Throw a pie at Mr. Brown

True or False? 正しいければ T、ちがえば F に○

Pi Day is on March 14.	T / F
Pi Day started in Japan.	T / F
Pi and pie sound the same in English.	T / F
Pi ends after 3.14.	T / F
March 14 is Albert Einstein's birthday.	T / F
Japanese schools teach that pi is 3.	T / F



Word Work

Words & phrases. 単語のれんしゅう。

Class _____ No. _____ Name _____

① Match the pictures and the words. 絵と単語を線で結ぼう。



●

● ruler



●

● brain



●

● clock



●

● circle



●

● trophy



●

● pizza



●

● pie



●

● apple

② Unscramble the words. 文字を並べ替えて単語にしよう。

1. E L I C C R

2. I G T I D

3. U R D O N

4. M R M E O Y

5. E S C L I

6. C E T N O S T

③ Fill in the blanks. 語群から選んで () に入れよう。

digits

oven

March

summer

slice

circle

buys

pie

wins

letter

sleeps

best

quickly

Mia's Pi Day Pie

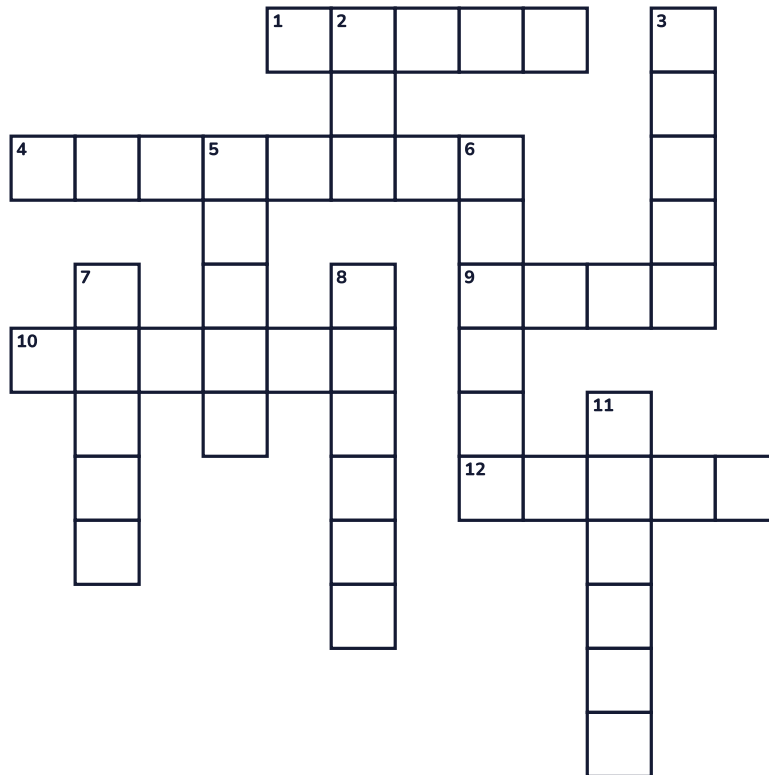
It is (1) _____ 14. Mia wants to make a (2) _____ for her math class. She (3) _____ apples at the store. At home, she puts the pie in the (4) _____. On top, she cuts the shape of the Greek (5) _____ pi. At school, her teacher draws a big (6) _____ on the board. "Who can say the most (7) _____?" he asks. Mia says, "3.14159!" She (8) _____ the contest. Everyone eats a (9) _____ of her pie. It is the (10) _____ Pi Day ever.



Crossword Puzzle

Read the clues and fill in the puzzle. ヒントを読んで、クロスワードを完成させよう。

Class _____ No. _____ Name _____



Across →

- 1 A red or green fruit. It is often in American pies. (5)
- 4 A famous scientist. He was born on March 14, 1879. (8)
- 9 A school subject with numbers. (4)
- 10 A round shape with no corners. (6)
- 12 Shaped like a ball or a coin. (5)

Down ↓

- 2 A round food. It sounds like the name of the number 3.14. (3)
- 3 The third month of the year. (5)
- 5 One piece of a cake or a pizza. (5)
- 6 One, two, three, and 3.14 are all examples. (6)
- 7 One number from 0 to 9. (5)
- 8 Your brain uses this to keep words and numbers. (6)
- 11 A building where you can see art or science. (6)



Word Search

Find the hidden words. かくれた単語を探そう (→ ↓ ↘ ↗)。

Class _____ No. _____ Name _____

P	A	M	V	J	O	R	F	J	G	C	C	V
C	P	A	E	M	E	F	M	W	N	O	U	I
M	P	T	M	B	A	M	P	T	H	N	D	E
E	L	H	M	S	C	R	F	I	V	T	Y	D
M	E	U	J	W	I	H	C	G	E	E	A	W
O	N	S	T	T	R	F	U	H	T	S	W	B
R	B	L	I	V	C	E	H	J	V	T	L	F
Y	F	G	E	R	L	S	L	I	C	E	F	W
G	I	R	Y	E	E	I	N	S	T	E	I	N
D	V	L	A	W	E	M	U	S	E	U	M	A
K	K	R	O	U	N	D	E	B	L	B	F	L
B	C	N	D	L	O	M	S	D	Y	C	L	P
P	L	A	D	D	Y	F	V	V	H	M	T	I

Find these words! 13

- ☐ APPLE
- ☐ CIRCLE
- ☐ CONTEST
- ☐ DIGIT
- ☐ EINSTEIN
- ☐ MARCH
- ☐ MATH
- ☐ MEMORY
- ☐ MUSEUM
- ☐ NUMBER
- ☐ PIE
- ☐ ROUND
- ☐ SLICE

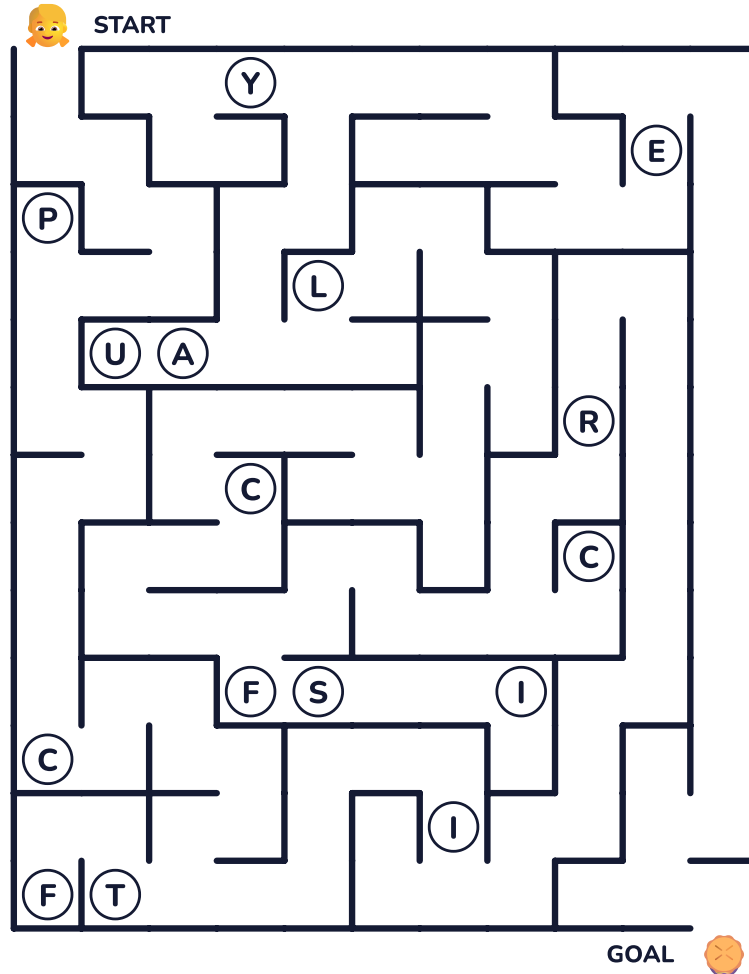
Secret Code 暗号を解こう！記号を文字に直すと、メッセージが出てくるよ。





Help Mia carry her pie to the math class!

Collect the letters on the right path. What is the secret word? 正しい道の文字を集めると、ひみつの言葉になるよ。



Secret word: _____

Put the words in order. 並べ替えて正しい文にしよう。

1. Day / Pi / is / 14 / March / on .

2. Most / pies / round / are / circle / like / a .

3. the / sound / same / pie / and / Pi .

4. said / memory / the / digits / He / from .

5. throw / students / teachers / at / their / Some / pies .



Class Activity & Writing

Class _____ No. _____ Name _____

Find Someone Who... クラスで聞いて回ろう！ Ask: "Do you ...?" / "Have you ...?"

Find someone who ...	Name
... can say pi to five digits	
... likes apple pie	
... knows who Albert Einstein was	
... has baked a pie or a cake	
... has a birthday in March	
... likes math	
... has visited a science museum	
... can draw a circle without a tool	

Let's Write! 英語で書いてみよう。

On Pi Day, I want to eat _____ pie because _____.

If I could make a new math holiday, it would be on _____ because _____.

One thing I like about math is _____.



Trace & Color

Trace the words. Then color the picture! なぞって書こう。絵に色を塗ろう。

Class _____ No. _____ Name _____



pie



circle



apple



pizza

