

What Does Zero Mean?

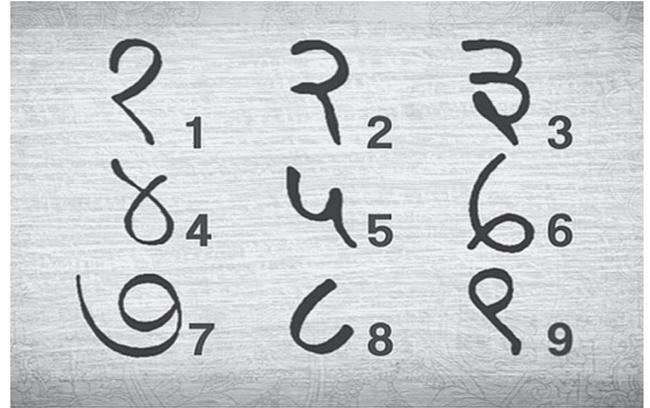
Name Class Date

Before you watch

- 1** There are different ways of saying the symbol 0 in English. Complete the sentences with the words and letter in the box.

o love nil

- In tennis matches we say *love* for 0.
- In phone numbers 0 is the letter *o*, or zero.
- In football matches we say *nil* for 0.



- 2** Now read out the following sentences.

- Rafa Nadal won the match 6–0.
- My number is 609301.
- Atlético Madrid won the match 2–0.

While you watch

- 3** Watch the first part of the video (up to 01:00). Are the sentences *T* (True) or *F* (False)?

- In ancient India people said that first there was nothing. *T*
- Our number system comes from the ancient Indians. *T*
- They used the word 'eyes' for the number two. *F*
- Around 8 BC they created a system of ten digits. *F*

- 4** Watch the second part of the video (from 01:04). Put the sentences in the order you hear them in the video.

- 2 Can you imagine life without numbers?
- 4 Think about zero the next time you go shopping.
- 1 The word *digit* comes from the Latin word for finger.
- 3 Zero is also important in another number system: computing.

After you watch

- 5** Match the words with the symbols.

- | | | |
|------------|--|-----|
| 1 divide | | a + |
| 2 subtract | | b = |
| 3 add | | c - |
| 4 equals | | d ÷ |

- 6** Now work with a partner. Try this maths puzzle.

- Choose any number.
- Double the number.
- Add 10.
- Divide the total by two.
- Subtract your original number.
- Are you thinking of the number 5?