

What Does Zero Mean?

Name Class Date

Before you watch

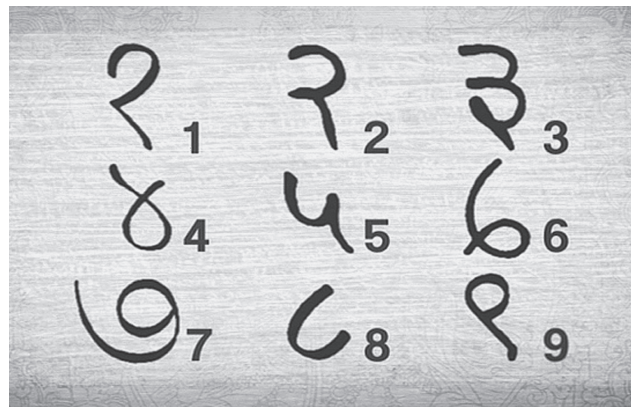
- 1** There are different ways of saying the symbol 0 in English. Complete the sentences with the words and letter in the box.

o love nil

- 1 In tennis matches we say for 0.
- 2 In phone numbers 0 is the letter, or zero.
- 3 In football matches we say for 0.

- 2** Now read out the following sentences.

- 1 Rafa Nadal won the match 6–0.
- 2 My number is 609301.
- 3 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)?

- 1 In ancient India people said that first there was nothing.
- 2 Our number system comes from the ancient Indians.
- 3 They used the word 'eyes' for the number two.
- 4 Around 8 BC they created a system of ten digits.

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

- a ☐ Can you imagine life without numbers?
- b ☐ Think about zero the next time you go shopping.
- c ☐ The word *digit* comes from the Latin word for finger.
- d ☐ 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.

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