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“How many lumps of cheese do you see just there?” “I don’t see any.” “That’s because there are none!” Follow along as the Huey characters talk about the value of none.

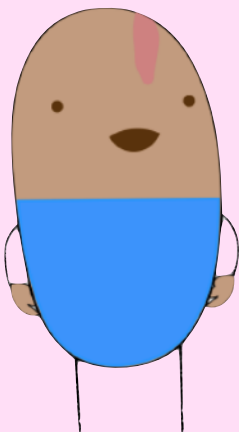
Ages: 3 to 5 years

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Spanish Title: Not available.

Related Books: *Zero the Hero* by Joan Holub, *A place for zero* by Angeline Sparagna LoPresti, *Zero* by Kathryn Otoshi



None the Number

Is none a number?

Math Connections:

Cardinality

Number Sense

Zero

None

Activities To Do Together:

- Talk with your child about the picture that shows all of the things that have been counted. Ask them how that picture is different from the next page.
- Talk about zero and none with your child. What does it mean to have zero items?
- Explore quantities of 0 to 10! Create different size groups with 10 objects. What happens when you create different size groups with the objects? What happens when you add or take away objects? What happens to the total number of objects if you add or take *no* objects away? What happens when you put everything away?

Extension Questions:

1. What does it mean if you say, “Carlos has three carrots, Maggie has none?” Could you count Maggie’s carrots? Why or why not?
2. What happens when you take away items from a group? What happens when you add items to a group?
3. What happens when you add zero to another number? What happens when you subtract zero from a number?

Vocabulary for Building Math Concepts:

0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, all-together, any, eight, every, five, four, less, many, more, nine, none, number, one, seven, six, ten, than, three, two

Early Math Project Resources:

[Exploring Zero](#)

Exploring Zero (Spanish)

[Number Cards](#)

Online Resources:

[Teaching Kids about Zero](#)



