# CHAPTER 2

# Place Value

Option

Virtual Manipulative

We need 27 chocolate bars. Are 2 packets of this enough?

No, we need more.

How many more chocolate bars does Izzy need? How can you break down 27 to find out?

## In this chapter, you will:

- find the value of each digit in a number.
- compose, decompose and regroup numbers into tens and ones.
- compare and order numbers within 100.
- round numbers to the nearest 10.

# Look Back



How many fish does Ralph have in his pail?

## Thinking Cap

Caz has 23 fish.
a What does 2 mean?
b What does 3 mean?
Discuss with your partner.
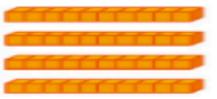
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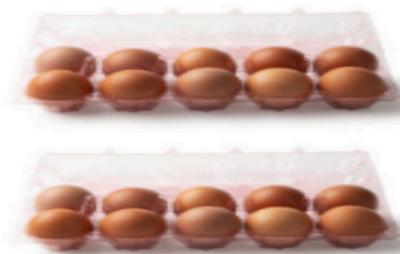


There are 40 eggs.
You can show 40 in a place-value chart.

| 10s | 1s |
| --- | --- |
| 4 | 0 |

The **digit** 4 is in the **tens place**.
Its **value** is 40.
The digit 0 is in the **ones place**.
Its value is 0.

b John shows 34 in a place-value chart.

| 10s | 1s |
| --- | --- |
| 3 | 4 |

The digit 3 is in the tens place.

Its value is _____.
The digit 4 is in the ones place.
Its value is _____.

1 There are 47 rulers in a shop.

a Complete the place-value chart.

b The digit _____ is in the tens place.
Its value is _____.

c The digit _____ is in the ones place.

Its value is _____.

| 10s | 1s |
| --- | --- |
| _____ | _____ |

**2** Fill in the blanks.

    **a** 9 tens = _____

                                **b** _____ = I ten 6 ones

**3**

I have between 10 and 20 crayons.

I have between 80 and 90 crayons. The value of my ones digit is less than the value of A's ones digit.

I have the greatest ones digit which is 9.

Not included

A                    B                    C

How many crayons could there be in each box?

Explain to your partner.