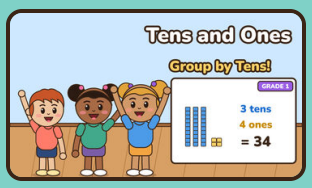
HAKILLO KIDS · TEACHER GUIDE · COMMON CORE EDITION · GRADE 1 · LESSON 3

Tens and Ones



COMMON CORE
1.NBT.B.2, 1.NBT.B.2.a, 1.NBT.B.2.c

VIDEO LENGTH
3:51 · Virginia SOL edition also available

WATCH THE LESSON FREE
hakillokids.org/math/grade-1#G1-03

PRACTICE ONLINE
learn.hakillokids.org · videos stop for each question, scored automatically

1.NBT.B.2 Understand that the two digits of a two-digit number represent amounts of tens and ones. Understand the following as special cases:

1.NBT.B.2.a 10 can be thought of as a bundle of ten ones — called a "ten."

1.NBT.B.2.c The numbers 10, 20, 30, 40, 50, 60, 70, 80, 90 refer to one, two, three, four, five, six, seven, eight, or nine tens (and 0 ones).

Materials: Base-ten rods and cubes, cups, marbles or counters, a tens-and-ones mat.

Students will

- Group objects into tens and ones.
- Say and write a number from its tens and ones (3 tens 4 ones = 34).
- Build numbers with ten rods and cubes.
- Know that 10 tens make 100.

Key words

ten	a group of ten ones
ones	single objects left over
tens place, ones place	the left digit and the right digit of a two-digit number
digit	one of the symbols 0-9

Before the video 2 minutes

Show a jar of about 30 counters. Ask: "About how many are there? How could we count them so it's easy to check?"

What happens in the video

0:00	Welcome and today's goal: tens and ones
0:20	Grouping marbles in cups of ten: 3 tens and 4 ones is 34
0:50	Tens first, then ones
1:07	Building 52 with rods and cubes
1:25	Spot the mistake: 3 tens 4 ones is 34, not 43
1:46	Your turn! Students answer during each pause (see below)
3:14	Counting tens, then ones, to 43
3:31	Recap and goodbye

Spot the mistake at 1:25

> **Sam:** I'll write this one. Three tens and four ones... that's four, three. Forty-three!
> **Ivy:** Hmm... is it forty-three?
> **Mia:** Remember, tens go first! Three tens, four ones. Thirty-four.
> **Sam:** Oops! Tens first, then ones! Thirty-four!

- Ask: “Which do we write first, the tens or the ones?” (The tens.)
- Build 3 tens and 4 ones, then build 4 tens and 3 ones. Are they the same?
- Count each set to check.

Your-turn pauses students answer out loud, then the characters give the answer

TIME	QUESTION	ANSWER IN THE VIDEO
1:47	Two tens and six ones. What number is it?	Twenty-six! Two tens, six ones.
2:01	Seven tens and one one. What number?	Seventy-one!
2:12	How many tens are in forty?	Four tens! Ten, twenty, thirty, forty.
2:25	One ten and eight ones. What number?	Eighteen! Ten and eight more.
2:38	Six tens and three ones. What number?	Sixty-three!
2:50	Eighty-five. How many tens?	Eight tens! And five ones.
3:02	Ten tens. What number is that?	One hundred! Ten tens make one hundred!

Tip: pause the video a little longer on any question your class finds hard, and ask a student to explain how they know.

After the video: talk about it

1. Why is it easier to count groups of ten?
2. How are 26 and 62 different?
3. How many tens are in 100?

Go further

Tens and ones store: students 'buy' items priced up to 99 cents with dimes (tens) and pennies (ones).

Answer key for the practice page

1. 47
2. 90
3. 6 tens and 2 ones
4. 15
5. 8 tens
6. 3 tens (3 lines) and 5 ones (5 dots)

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HAKILLO KIDS · GRADE 1 · LESSON 3 · PRACTICE

Tens and Ones

Name: _____ **Date:** _____

1. **4 tens and 7 ones = ___**

   Answer: _____

2. **9 tens and 0 ones = ___**

   Answer: _____

3. **62 = ___ tens and ___ ones**

   Answer: _____

4. **1 ten and 5 ones = ___**

   Answer: _____

5. **How many tens are in 80?**

   Answer: _____

6. **Draw 35 with tens (lines) and ones (dots).**

   Answer: _____

Watch the lesson free: hakillokids.org/math/grade-1#G1-03
Practice online with Mia, Sam & Ivy: **learn.hakillokids.org**