

Tens and Ones, Many Ways

AC9M1N02_E2 Use real and on-screen tools to break numbers into tens and ones. For example, see 35 as 3 tens and 5 ones, or as 2 tens and 15 ones.

Learning Intention: I can break a two-digit number into tens and ones in more than one way.

✓ Tens and ones ✓ More than one way ✓ Regroup ✓ Physical tools ✓ Virtual tools

1. Count Tens & Ones
35 = 3 tens and 5 ones
35 = 2 tens and 15 ones
 Regroup: trade 1 ten for 10 ones
 Check: both ways still equal 35

2. Two Ways to Make 35
3 tens 5 ones = 2 tens 15 ones

3 tens + 5 ones = 35

2 tens + 15 ones = 35

Same number — broken apart two ways.

3. Tens & Ones

Whole
35
 ↓
3 tens
 ↓
5 ones
 ↓
30 + 5
 = 35

⚠ Watch For
Trading tens keeps the total.
2 tens + 15 ones = 35.
 Count carefully after regrouping.

Remember
Ten = 10 ones
 (1 ten = 10 ones)
35 = 30 + 5
Regroup = trade tens and ones
 (3 tens or 2 tens 15)

Let's Talk

- How many tens and ones are in 35?
- Can you show 35 another way?
- What happens if you trade a ten?

Materials & Models
 ✓ MAB / base-10 blocks
 ✓ Place-value mats
 ✓ Bundling straws
 Use real and on-screen tools.

Let's Try Together Show each number as tens and ones.

34 = 3 tens 4 ones

27 = 2 tens 7 ones

51 = ___ tens ___ ones

4 tens 6 ones = ___

60 = ___ tens ___ ones