PLACE VALUE WORKSHOP

Tens, ones, and big ideas

Ages 6-8 | 12 activities | Adult guide and answers

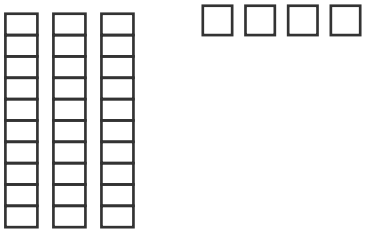
A printable workshop for exploring numbers from 0 to 99.

Name: _____

One ten has the same value as ten ones.

A rod shows 10 equal squares. A small square shows one.

Example: 34 = 3 tens and 4 ones = 30 + 4.



Print only the size that matches your paper. Use actual size (100%).

Digital PDF download. No physical item. A pencil is all you need.

Adult quick-start guide

Work together for 10-15 minutes. Stop when your child needs a break.

Start with real groups: draw ten dots and circle them as one ten.

Read 34 as three tens and four ones. The 3 means thirty, not three.

Explain zero: 40 has four tens and zero ones; 4 has zero tens.

For regrouping, exchange exactly ten ones for one ten.

For comparisons, compare tens first. If equal, compare ones.

On the drawing pages, rectangles may stand for rods of ten.

Let children explain their thinking. Use the answers to discuss errors.

No timed score or grade guarantee is intended. Repeat as helpful.

Contents: 12 activity pages, followed by 3 answer pages.

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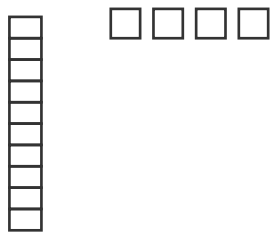
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01 Read the blocks

Name: _____ Date: _____

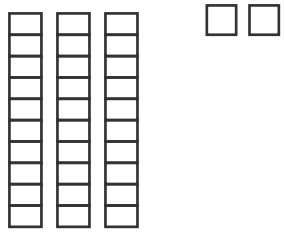
Count the rods and ones. Write tens, ones, and the number.

1.



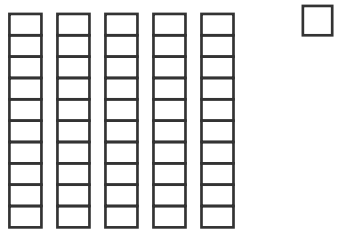
___ tens + ___ ones = ___

2.



___ tens + ___ ones = ___

3.



___ tens + ___ ones = ___

Answers 1 of 3

Accept equivalent explanations and correct drawings.

01 Read the blocks

1. 1 tens + 4 ones = 14
2. 3 tens + 2 ones = 32
3. 5 tens + 1 ones = 51

02 Build the number

1. 2 tens + 3 ones = 20 + 3
2. 4 tens + 6 ones = 40 + 6
3. 6 tens + 0 ones = 60 + 0

03 Split the number

1. 3 tens + 7 ones; 30 + 7
2. 5 tens + 8 ones; 50 + 8
3. 9 tens + 0 ones; 90 + 0

04 Put it together

1. 28; 2 tens, 8 ones; 20 + 8
2. 40; 4 tens, 0 ones; 40 + 0
3. 76; 7 tens, 6 ones; 70 + 6