

Place Value and Negative Numbers

Part A - Build and Use the Strategy

AR-U1-WS10

I can use tens and ones to add and subtract within 100.

Name: _____

Date: _____

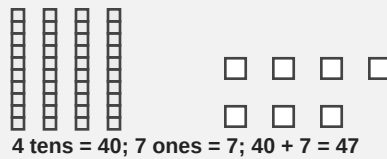
Period: _____

Step 1: Learn What Each Place Means

Example: The number 47 has 4 tens and 7 ones.

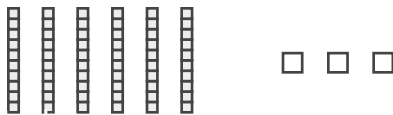
Place value tells how much a digit is worth because of where it is.

TENS	ONES
4	7
4 groups of 10	7 single ones



Step 2: Read and Build Numbers

1. What number is 6 tens and 3 ones?



2. Read the money.

\$10	\$10	\$10	\$10
\$1	\$1		

Total: \$ _____

3. Break apart 78.

78 = _____ tens and _____ ones 78 = _____ + _____

4. What number is 5 tens and 9 ones?

Circle: 49 59 95

5. Write 7 in Tens and 3 in Ones.

TENS	ONES

Number shown: _____

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Step 3: Add Tens and Ones

6. Solve $42 + 35$.

Tens: $40 + 30 =$ _____

Ones: $2 + 5 =$ _____

Total: _____

7. A wallet has \$56. Add \$28.

5 tens + 2 tens = 7 tens

6 ones + 8 ones = 14 ones

Trade 10 ones for 1 ten.

New total: \$ _____

Step 4: Trade 10 Ones When Needed

8. Solve $47 + 36$.

Tens: $4 + 3 = 7$ tens Ones: $7 + 6 = 13$ ones

Trade 10 ones for 1 ten: 8 tens and 3 ones

Answer: _____

Step 5: Regroup to Subtract

9. Solve $64 - 27$.

Change 6 tens 4 ones into:

5 tens and 14 ones

$14 - 7 =$ _____ ones

$5 - 2 =$ _____ tens **Answer:** _____

10. FIX THE MISTAKE

A student says $91 - 36 = 65$.

Regroup: 8 tens and 11 ones

$11 - 6 =$ _____ $8 - 3 =$ _____

Correct answer: _____

TEACHER CHECKPOINT

Your teacher will tell you whether to stop here or continue to Part B.

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Part B - Apply, Analyze, and Explain

AR-U1-WS10

I can use tens and ones to add and subtract within 100.

Step 6: Use Place Value in New Situations

11. Solve $29 + 53$.

Tens: $20 + 50 =$ _____

Ones: $9 + 3 =$ _____

Trade if needed. Answer: _____

12. Which choice shows 68?

A. 6 tens and 8 ones

B. 8 tens and 6 ones

Circle A or B.

13. Draw tens blocks and ones squares to show 84.

TENS BLOCKS

ONES SQUARES

84 = _____ tens and _____ ones

Step 7: Solve a Real-Life Problem

14. A warehouse has 85 boxes. It ships 42 boxes.

Tens: $80 - 40 =$ _____ Ones: $5 - 2 =$ _____

Boxes left: _____



Step 8: Fix and Explain

15. FIX THE MISTAKE

A student says:

7 tens + 13 ones = 713

Trade 10 ones for 1 ten.

Correct number: _____

16. Solve $52 - 27$.

$50 - 20 = 30$

$2 - 7 = -5$ (five less than zero)

$30 + (-5) =$ _____

Answer: _____