

Grade 1 · Adding and Subtracting Tens Within 100 · Worksheet Answer Key

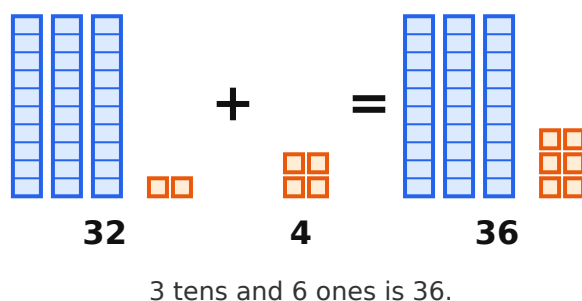
Common Core 1.NBT.C.4, 1.NBT.C.5, 1.NBT.C.6 · mathovore.fr

Each solution shows the tens and the ones step by step. Compare your work with the pictures. If an answer is different, check the tens digit first, then the ones digit, and try the problem again with blocks.

Grade 1 Common Core: 1.NBT.C.4 · 1.NBT.C.5 · 1.NBT.C.6

Problem 1: Add the ones with blocks

The ones are 2 and 4. $2+4=6$. The 3 tens stay.



$32+4=36$. The sum is **36**.

Problem 2: Add the ones

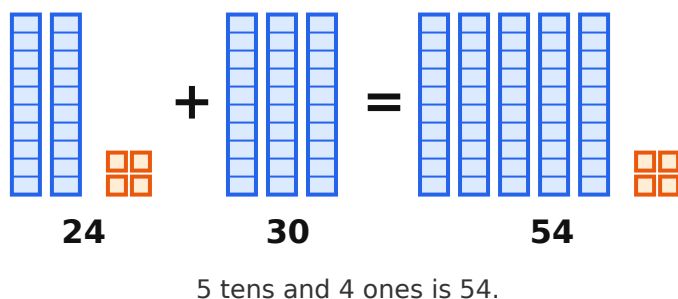
- a. $1 + 5 = 6$ ones, 2 tens stay. $21+5=26$. **26**.
- b. $3 + 3 = 6$ ones, 4 tens stay. $43+3=46$. **46**.
- c. $6 + 2 = 8$ ones, 5 tens stay. $56+2=58$. **58**.
- d. $0 + 8 = 8$ ones, 7 tens stay. $70+8=78$. **78**.

Problem 3: Add tens to tens

- a. 2 tens + 3 tens = 5 tens. **50**.
- b. 4 tens + 1 ten = 5 tens. **50**.
- c. 5 tens + 4 tens = 9 tens. **90**.
- d. 3 tens + 6 tens = 9 tens. **90**.

Problem 4: Add tens with blocks

2 tens and 3 tens make 5 tens. The 4 ones stay.



$24 + 30 = 54$. The sum is **54**.

Problem 5: Add tens to a number

- a. 1 ten + 2 tens = 3 tens, 5 ones stay. **35**.
- b. 3 tens + 4 tens = 7 tens, 2 ones stay. **72**.
- c. 4 tens + 3 tens = 7 tens, 6 ones stay. **76**.
- d. 5 tens + 2 tens = 7 tens, 1 one stays. **71**.

Problem 6: 10 more on the chart

Move one row down from 45. The ones digit stays 5. The tens digit goes from 4 to 5.

31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60

10 more than 45 is 55.

10 more than 45 is **55**.

Problem 7: 10 more in your head

- a. 2 tens becomes 3 tens. **33**.
- b. 5 tens becomes 6 tens. **68**.
- c. 7 tens becomes 8 tens. **81**.
- d. 8 tens becomes 9 tens. **96**.

Problem 8: 10 less in your head

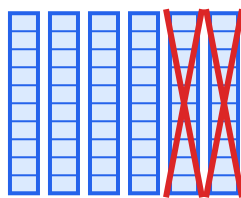
- a. 4 tens becomes 3 tens. **37.**
- b. 6 tens becomes 5 tens. **52.**
- c. 9 tens becomes 8 tens. **80.**
- d. 3 tens becomes 2 tens. **25.**

Problem 9: 10 more or 10 less

- a. 6 tens becomes 7 tens. **74.**
- b. 6 tens becomes 5 tens. **54.**
- c. 3 tens becomes 4 tens. **49.**
- d. 2 tens becomes 1 ten. **18.**

Problem 10: Subtract tens with blocks

Cross out 2 tens. Count the tens that are left: 4.



$$60 - 20$$

6 tens take away 2 tens leaves 4 tens.

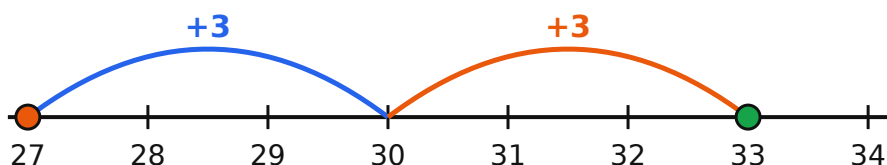
$60 - 20 = 40$. The difference is **40**.

Problem 11: Subtract tens

- a. 5 tens - 2 tens = 3 tens. **30.**
- b. 8 tens - 3 tens = 5 tens. **50.**
- c. 9 tens - 6 tens = 3 tens. **30.**
- d. 7 tens - 7 tens = 0 tens. **0.**

Problem 12: Make a ten to add

Make a ten first.



$$27 + 3 = 30, \text{ then } 30 + 3 = 33.$$

- a. $27+3=30$, $30+3=33$. **33**.
- b. $38+2=40$, $40+3=43$. **43**.
- c. $49+1=50$, $50+3=53$. **53**.
- d. $65+5=70$, $70+2=72$. **72**.

Problem 13: Find the missing number

- a. Count up from 4 ones to 9 ones: 5. $34+5=39$. **5**.
- b. 4 tens to 7 tens is 3 tens. $40+30=70$. **30**.
- c. 5 tens take away some tens leaves 2 tens, so 3 tens go. Check: $50-30=20$. **30**.
- d. 65 take away 20 is 45. $45+20=65$. **45**.

Problem 14: Find the mistake

Ethan added 2 ones, not 2 tens. The tens digit must change when you add tens.

4 tens + 2 tens = 6 tens, and the 3 ones stay. $43+20=63$.

The correct sum is **63**.

Problem 15: Maya's stickers

The ones are 4 and 5. $4+5=9$. The 3 tens stay.

$34+5=39$. Maya has **39 stickers**.

Problem 16: Jamal's book

80 is 8 tens and 30 is 3 tens. $8-3=5$, so 5 tens are left.

$80-30=50$. Jamal has **50 pages** left.

Problem 17: Sofia's seashells

4 tens and 3 tens make 7 tens. The 6 ones stay.

$46+30=76$. Sofia has **76 seashells**.

Problem 18: Diego's beads

Make a ten. 58 needs 2 more to make 60. Take 2 from the 6. That leaves 4.

$58+2=60$, then $60+4=64$. Diego has **64 beads**.

Problem 19: School store pencils

Step 1: $70 - 30 = 40$ (7 tens take away 3 tens).

Step 2: $40 + 20 = 60$ (4 tens plus 2 tens).

The store has **60 pencils**.

Problem 20: Noah's marbles

Step 1: $27 + 30 = 57$ (2 tens plus 3 tens, 7 ones stay).

Step 2: $57 - 10 = 47$ (10 less).

Noah has **47 marbles**.