



Addition with regrouping chart three ways · no cutting · keep it on the fridge

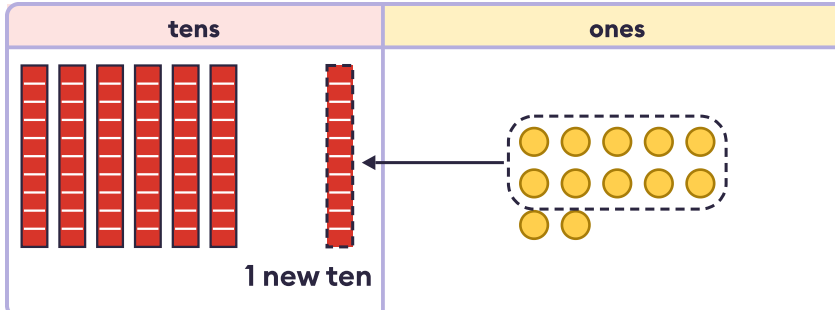
10 or more ones? Make a new ten.

In columns

	T	O
	1	
	4	7
+	2	5
	7	2

- Ones first: $7 + 5 = 12$ ones.
- 12 ones is 1 ten and 2 ones. Write the 2. Put the new 1 in the box on top of the tens.
- Tens next: $4 + 2 = 6$ tens, and the new ten makes 7 tens. The answer is 72.

Why it works: sticks and dots



$$47 + 25$$

$$4 \text{ tens} + 2 \text{ tens} = 6 \text{ tens}$$

$$7 \text{ ones} + 5 \text{ ones} = 12 \text{ ones}$$

$$10 \text{ ones make } 1 \text{ new ten}$$

$$7 \text{ tens and } 2 \text{ ones} = 72$$

$$\text{Break it apart: } 40 + 20 = 60 \quad \cdot \quad 7 + 5 = 12 \quad \cdot \quad 60 + 12 = 72$$

Some classrooms write the new 1 on the answer line, under the tens. Both ways are right.



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Start without regrouping the ones make 9 or less

Name _____

Add the ones, then the tens. Nothing to trade on this page.

done for you

T	O
4	3
+	2 5
6	8

Ones: $3 + 5 = 8$. Tens: $4 + 2 = 6$. $43 + 25 = 68$.

T	O
3	4
+	2 0

T	O
5	2
+	3 0

T	O
1	8
+	4 0

T	O
6	1
+	3 0

T	O
4	5
+	5 0

T	O
4	2
+	5

T	O
7	3
+	4

T	O
2	6
+	3

T	O
5	1
+	7

T	O
8	4
+	2

T	O
3	1
+	4 6

T	O
2	4
+	6 3

T	O
6	2
+	1 7

T	O
3	6
+	5 2

T	O
1	3
+	7 2



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Draw it: sticks and dots

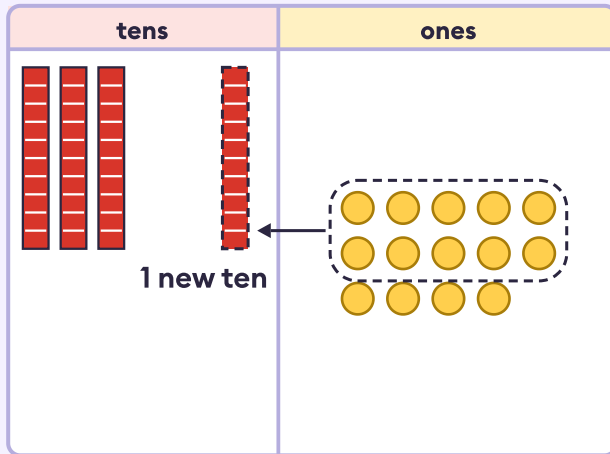
a stick is a ten • a dot is a one

Name _____

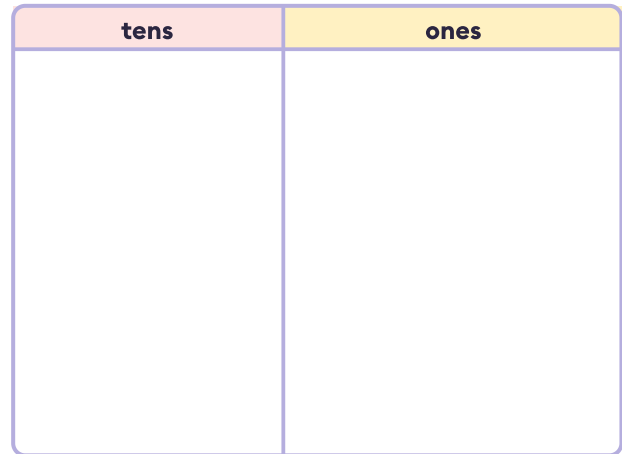
Draw both numbers on the mat. 10 dots? Ring them and draw a new stick. Then write the answer.

done for you

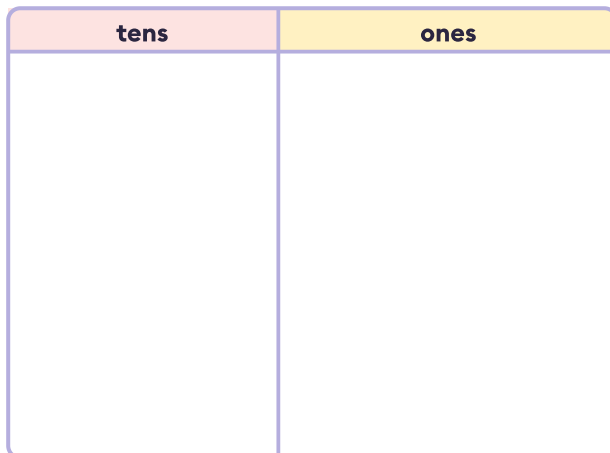
$$36 + 8 = \boxed{44}$$



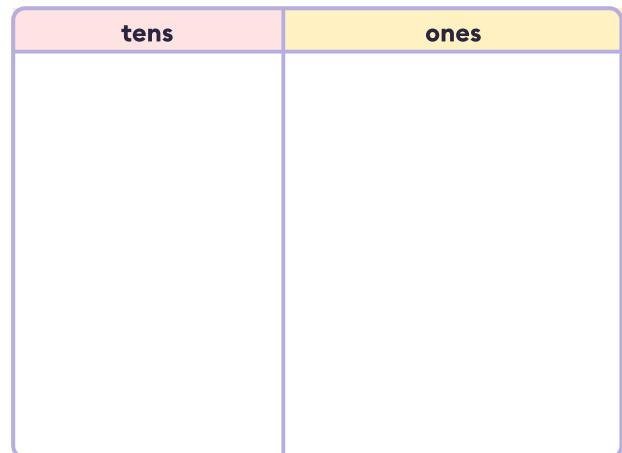
$$28 + 5 = \boxed{}$$



$$25 + 17 = \boxed{}$$



$$38 + 24 = \boxed{}$$



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Regroup or not? look at the ones first

Name _____

Add the ones. 10 or more? Circle yes: you make a new ten. 9 or less? Circle no.

$$34 + 26$$

Ones: $4 + 6 =$

New ten?

yes

no

$$52 + 37$$

Ones: $2 + 7 =$

New ten?

yes

no

$$48 + 25$$

Ones: $8 + 5 =$

New ten?

yes

no

$$29 + 36$$

Ones: $9 + 6 =$

New ten?

yes

no

$$24 + 35$$

Ones: $4 + 5 =$

New ten?

yes

no

$$41 + 26$$

Ones: $1 + 6 =$

New ten?

yes

no

$$63 + 15$$

Ones: $3 + 5 =$

New ten?

yes

no

$$57 + 13$$

Ones: $7 + 3 =$

New ten?

yes

no

$$66 + 18$$

Ones: $6 + 8 =$

New ten?

yes

no

$$70 + 22$$

Ones: $0 + 2 =$

New ten?

yes

no

$$17 + 45$$

Ones: $7 + 5 =$

New ten?

yes

no

$$35 + 44$$

Ones: $5 + 4 =$

New ten?

yes

no



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Make a new ten

add a 1-digit number • ones first

Name _____

The small number sits under the ones. 10 or more ones? Write the new 1 in the box on top.

done for you

	T	O
	1	
2	7	
+		6
3	3	

$7 + 6 = 13$ ones: 1 ten and 3 ones. 2 tens, and the new ten makes 3 tens. $27 + 6 = 33$.

	T	O
2	4	
+		8

	T	O
3	7	
+		5

	T	O
4	8	
+		4

	T	O
5	6	
+		7

	T	O
1	9	
+		3

	T	O
6	5	
+		9

	T	O
7	3	
+		8

	T	O
4	6	
+		4

	T	O
2	8	
+		7

	T	O
3	9	
+		6

	T	O
4	4	
+		9

	T	O
8	6	
+		5

	T	O
5	8	
+		3

	T	O
8	3	
+		7

	T	O
1	5	
+		9



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Two 2-digit numbers

double digit addition with regrouping

Name _____

Ones first. Write the new 1 in the box on top, then add the tens and the new ten.

done for you

T		O
1		
5	6	
+	2	7
8		3

$6 + 7 = 13$ ones. $5 + 2 = 7$ tens, and the new ten makes 8 tens. $56 + 27 = 83$.

T		O
2	9	
+	1	4

T		O
3	6	
+	2	5

T		O
4	7	
+	1	8

T		O
1	5	
+	3	7

T		O
5	8	
+	2	6

T		O
2	3	
+	4	9

T		O
6	4	
+	1	9

T		O
2	7	
+	2	7

T		O
4	5	
+	3	6

T		O
3	9	
+	3	3

T		O
5	4	
+	2	8

T		O
1	6	
+	5	9

T		O
6	7	
+	2	4

T		O
3	3	
+	4	7

T		O
7	2	
+	1	8



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More practice two 2-digit numbers • every sum makes a new ten Name _____

Same as page 6, with no example. Ones first, every time.

T	O
1	8
+	2 7

T	O
3	5
+	2 9

T	O
4	6
+	2 6

T	O
5	7
+	1 7

T	O
2	8
+	6 8

T	O
3	4
+	4 8

T	O
1	9
+	5 6

T	O
6	3
+	2 8

T	O
2	5
+	4 5

T	O
4	9
+	3 7

T	O
1	7
+	3 9

T	O
4	4
+	2 9

T	O
6	8
+	1 5

T	O
3	7
+	5 7

T	O
2	6
+	6 4

Say it as you go: 7 ones and 5 ones make 12 ones. That's 1 ten and 2 ones.



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Mixed review

some need a new ten, some don't

Name _____

Check the ones before you write anything. Only write a 1 in the box when the ones make 10 or more.

T		O	
4	6		
+	3	7	

T		O	
5	2		
+	4	1	

T		O	
2	8		
+	3	6	

T		O	
6	5		
+	2	5	

T		O	
3	3		
+	5	6	

T		O	
1	9		
+	4	8	

T		O	
7	4		
+	1	3	

T		O	
5	7		
+	3	5	

T		O	
2	6		
+	6	9	

T		O	
8	1		
+	1	6	

T		O	
3	8		
+	3	8	

T		O	
4	4		
+	2	7	

T		O	
6	2		
+	2	5	

T		O	
5	9		
+	2	3	

T		O	
1	7		
+	5	4	

Stuck? Draw it with sticks and dots, like page 3.



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Answer key for grown-ups

Page 2 • Start without regrouping

$34 + 20 = 54$
 $52 + 30 = 82$
 $18 + 40 = 58$
 $61 + 30 = 91$
 $45 + 50 = 95$
 $42 + 5 = 47$
 $73 + 4 = 77$
 $26 + 3 = 29$
 $51 + 7 = 58$
 $84 + 2 = 86$
 $31 + 46 = 77$
 $24 + 63 = 87$
 $62 + 17 = 79$
 $36 + 52 = 88$
 $13 + 72 = 85$

Page 3 • Draw it: sticks and dots

$28 + 5 = 33$ (3 tens, 3 ones)
 $25 + 17 = 42$ (4 tens, 2 ones)
 $38 + 24 = 62$ (6 tens, 2 ones)

Page 4 • Regroup or not?

$34 + 26$: $4 + 6 = 10$, yes
 $52 + 37$: $2 + 7 = 9$, no
 $48 + 25$: $8 + 5 = 13$, yes
 $29 + 36$: $9 + 6 = 15$, yes
 $24 + 35$: $4 + 5 = 9$, no
 $41 + 26$: $1 + 6 = 7$, no
 $63 + 15$: $3 + 5 = 8$, no
 $57 + 13$: $7 + 3 = 10$, yes
 $66 + 18$: $6 + 8 = 14$, yes
 $70 + 22$: $0 + 2 = 2$, no
 $17 + 45$: $7 + 5 = 12$, yes
 $35 + 44$: $5 + 4 = 9$, no

Page 5 • Make a new ten

$24 + 8 = 32$
 $37 + 5 = 42$
 $48 + 4 = 52$
 $56 + 7 = 63$
 $19 + 3 = 22$
 $65 + 9 = 74$
 $73 + 8 = 81$
 $46 + 4 = 50$
 $28 + 7 = 35$
 $39 + 6 = 45$
 $44 + 9 = 53$
 $86 + 5 = 91$
 $58 + 3 = 61$
 $83 + 7 = 90$
 $15 + 9 = 24$

Page 6 • Two 2-digit numbers

$29 + 14 = 43$
 $36 + 25 = 61$
 $47 + 18 = 65$
 $15 + 37 = 52$
 $58 + 26 = 84$
 $23 + 49 = 72$
 $64 + 19 = 83$
 $27 + 27 = 54$
 $45 + 36 = 81$
 $39 + 33 = 72$
 $54 + 28 = 82$
 $16 + 59 = 75$
 $67 + 24 = 91$
 $33 + 47 = 80$
 $72 + 18 = 90$

Page 7 • More practice

$18 + 27 = 45$
 $35 + 29 = 64$
 $46 + 26 = 72$
 $57 + 17 = 74$
 $28 + 68 = 96$
 $34 + 48 = 82$
 $19 + 56 = 75$
 $63 + 28 = 91$
 $25 + 45 = 70$
 $49 + 37 = 86$
 $17 + 39 = 56$
 $44 + 29 = 73$
 $68 + 15 = 83$
 $37 + 57 = 94$
 $26 + 64 = 90$

Page 8 • Mixed review

$46 + 37 = 83$
 $52 + 41 = 93$
 $28 + 36 = 64$
 $65 + 25 = 90$
 $33 + 56 = 89$
 $19 + 48 = 67$
 $74 + 13 = 87$
 $57 + 35 = 92$
 $26 + 69 = 95$
 $81 + 16 = 97$
 $38 + 38 = 76$
 $44 + 27 = 71$
 $62 + 25 = 87$
 $59 + 23 = 82$
 $17 + 54 = 71$



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