



First Grade Math

This packet includes four sections that cover the major content of 1st grade math. Each section includes multiple pages of notes and practice for each topic. For additional support, visit KCS TV on YouTube for instructional videos that accompany each section.

The following content is included in this packet:

Topic			
I. Geometry	II. Represent Addition and Subtraction Problems	III. Understand and Apply Properties of Operations and Relationship between Addition and Subtraction	IV. Understand and use Place Value to Add and Subtract
Identify shapes And attributes	Count on, count back	Add 3 digits	10 More, 10 Less
Draw shapes	Make 10	Fact Families	Understand Tens and Ones
Evaluate shapes			Add 2-digits to a 1-digit number

First Grade Summer Packet-Activities 4

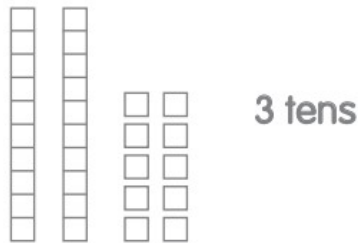
Understand and use place value to add/subtract.

A.

Example

Draw two tens and 10 more ones.

How many tens in all?



B

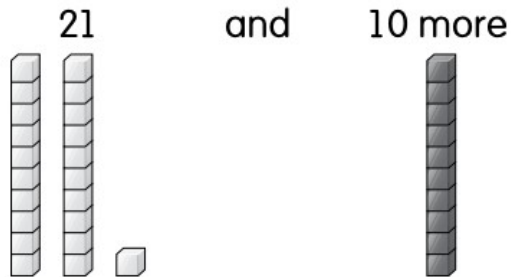
Example Find 10 less than 86. Color both numbers.

76 is 10 less than 86.

71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

C.

Example What is 21 and 10 more?



2 tens 1 one and 1 ten = 3 tens 1 one
21 and 10 more is 31.

D.

Example

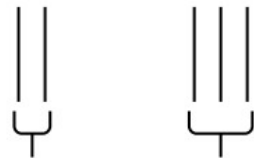
There are 50 children.
20 take the bus.
The rest walk.
How many children walk?

Find $50 - 20$.

Use addition to subtract.

$$50 = 20 + ?$$

$$50 - 20 = \underline{30}$$

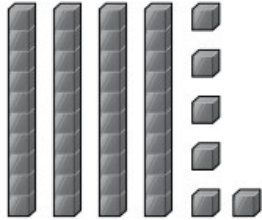


$$5 \text{ tens} = 2 \text{ tens} + \underline{3} \text{ tens}$$

E.

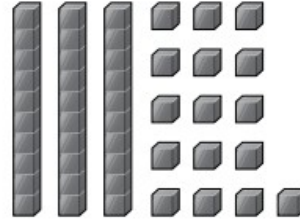
Example Show 46 in two different ways.

46 is 4 tens 6 ones.



46 is 40 + 6.

46 is 3 tens 16 ones.

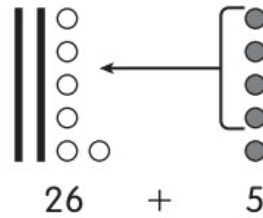


46 is 30 + 16.

F.

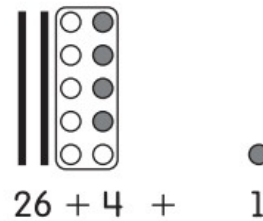
Example Find $26 + 5$.

Make the next ten.



$$26 + 5$$

Then add the tens and ones.



$$26 + 4 + 1$$

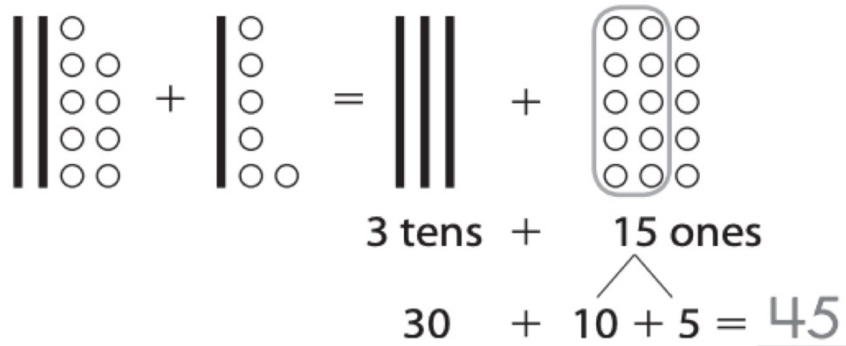
$$26 + 5 = \underline{31}$$

$$30 + 1 = \underline{31}$$

G.

Example Find $29 + 16$.

Add the tens and ones.



$29 + 16 = 45$

H.

Example

Bob has 43 cards.

Ami has 48 cards.

Who has fewer cards?

Find 43 $\text{\textcircled{?}}$ 48.

Tens	Ones
4	3

Tens	Ones
4	8



Tens are the same.

Compare ones.

3 ones is less than 8 ones.

$43 < 48$

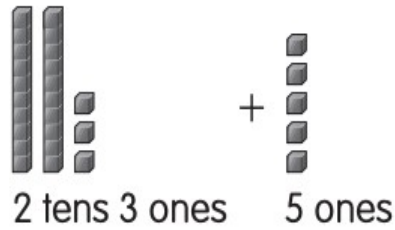
I.

Example Find $23 + 5$.

Add the ones.

Then add the tens.

$$\begin{array}{r} 2 \text{ tens } 3 \text{ ones} \\ + \quad \quad 5 \text{ ones} \\ \hline 2 \text{ tens } 8 \text{ ones} = \underline{28} \end{array}$$



$$\mathbf{23 + 5 = \underline{28}}$$

J.

Example 43 red bows and 24 green bows.

How many bows?

$$40 + 3$$

$$\underline{20 + 4}$$

$$\boxed{60} + \boxed{7} = \boxed{67}$$

$$\mathbf{43 + 24 = \underline{67}}$$



Practice Problems

1.

80 blue stickers.

60 green stickers.

How many more blue stickers?

$$60 + ? = 80$$

$$\underline{\quad} \text{tens} + \underline{\quad} \text{tens} = \underline{\quad} \text{tens}$$

$$60 + \underline{\quad} = 80$$

$$80 - 60 = \underline{\quad}$$

2.

There are 80 seats.

50 seats are taken.

The rest are empty.

How many seats are empty?

$$\underline{\quad} \text{tens} = \underline{\quad} \text{tens} + \underline{\quad} \text{tens}$$

$$80 - 50 = \underline{\quad}$$

3.

Compare 37 and 47.

Find the greater number.

Tens	Ones
3	7

Tens	Ones
4	7

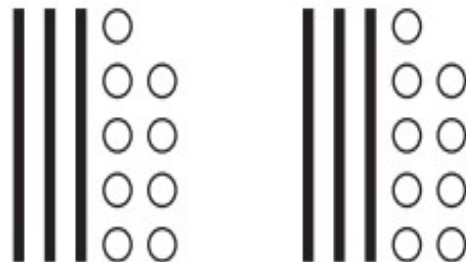
___ tens is greater than ___ tens.

___ ○ ___

4.

39 road bikes and 39 trail bikes.

How many bikes?



___ = **39 + 39**

5.

Find $17 + 45$

1 ten 7 ones

+ 4 tens 5 ones

_____ tens _____ ones

$17 + 45 =$ _____

6.

28 cats and 6 dogs.

How many pets in all?

$28 + 6 =$ _____

Answers:

1. $60 \text{ tens} + 20 \text{ tens} = 80 \text{ tens}$
2. $80 \text{ tens} = 50 \text{ tens} + 30 \text{ tens}$ $80 - 50 = 30$
3. $47 > 37$, 4 tens is greater than 3 tens
4. $78 = 39 + 39$
5. $17 + 45 = 62$ 5 tens + 12 ones = 62
6. $28 + 6 = 34$ in all