PLACE VALUE

MATH JOURNAL

Place Value Concepts Covered:

- Count up to 120 starting at any number less than 120
- Read and write numbers 1-120 to show how many objects are in a group
- Tell how many tens and ones are in a number
- Know what a ten is
- Know that teen numbers are a group of ten and some ones
- Understand counting by 10s means a certain number of tens and no ones
- Compare 2-digit numbers using <, >, and =
- Use math strategies to solve and explain addition within 100

MATH JOURNAL

Place Value Concepts Covered:

- Use math strategies to solve and explain subtraction within 100
- Use objects and pictures to solve and explain addition problems within 100
- Add 2-digit numbers (no regrouping)
- Add 2-digit numbers (regrouping)
- Find 10 more or 10 less in my head
- Use different strategies to add and subtract multiples of 10 from numbers under 100, write the number sentence, and explain the strategy

1st Grade Math Journal: Place Value

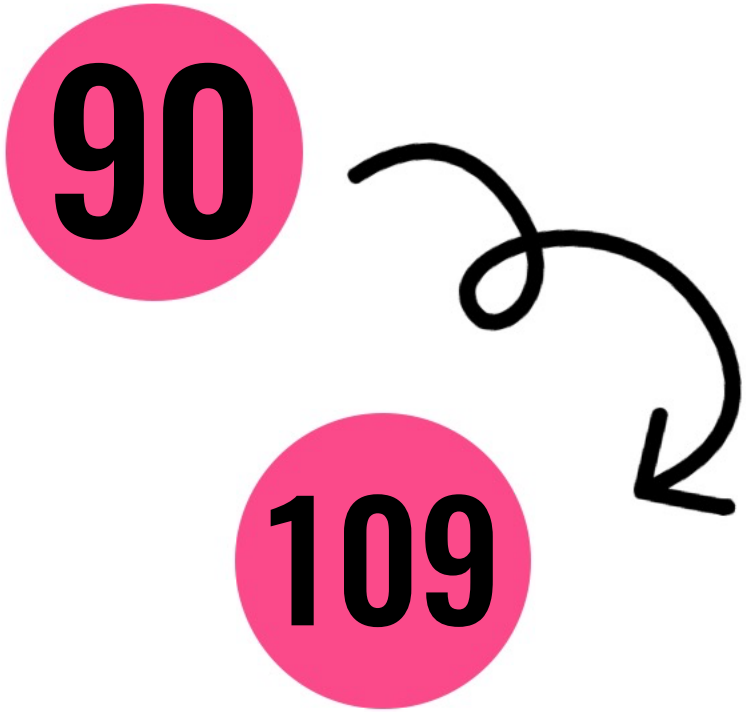
CODE	SKILLS	USED
1P	Count up to 120 starting at a # less than 120	
2P	Identify the missing # on the 120 chart and explaining how you know	
3P	Fill in the missing number in the sequence and writing to explain why	
4P	Identify how many tens and ones are in a #	
5P	Identify expanded form and base ten form that matches a #	
6P	Draw a # using tens blocks	
7P	How many groups of ten in this 2-digit #?	
8P	Identify groups of ten in 120	
9P	How many groups of tens and ones are in this #?	
10P	Sort numbers by how many tens they have	
11P	Identify how many ones are in a #	
12P	Write about characteristics of teen numbers	
13P	Identify the meaning of each digit in a 2-digit #	
14P	Fill in the missing #s on a 120 chart	
15P	Draw groups of tens using base 10 blocks	
16P	Identify numbers that are "tens" (ex: 80, 90)	
17P	Compare 2 #s using <, >, and =	
18P	Compare 2 #s through writing	
19P	Add groups of ten to a 2-digit # using mental math; writing its number sentence	
20P	Word problem; adding tens (ex: 50+30)	

1st Grade Math Journal: Place Value

CODE	SKILLS	USED
21P	Word problem; add 2-digit #s (no regrouping)	
22P	Word problem; add 2-digit #s (no regrouping)	
23P	Word problem; add 2-digit #s (regrouping)	
24P	Word problem; add 2-digit #s (regrouping)	
25P	Add tens and ones blocks	
26P	Word problem; add 2-digit #s (regrouping); solve by drawing tens and ones	
27P	Word problem; add 2-digit #s (regrouping); solve by drawing tens and ones	
28P	Fill in the missing 120 chart puzzle (10 more, 10 less, 1 more, 1 less)	
29P	Find 10 less and 10 more than a #	
30P	Find 10 more than a #; using number sentences	
31P	Subtract groups of ten from another ten # (ex: 90-70)	
32P	Agree/Disagree: add tens or ones first in 2-digit addition	
33P	Agree/Disagree: ___ is greater than ____	

MATH JOURNAL

Start at **90** and count up to **109.** Write the numbers you say as you count to 109.



1P ___/___/___

___, ___, ___,

___, ___, ___,

___, ___, ___,

___, ___, ___,

___, ___, ___,

___, ___, ___,

___, ___

MATH JOURNAL

What number is missing?

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
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
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75		77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120

2P ___/___/___

The missing number is ____.

I know this because _____

_____.

MATH JOURNAL

What number is missing?

78, 79, ___, 81

3P ___/___/___

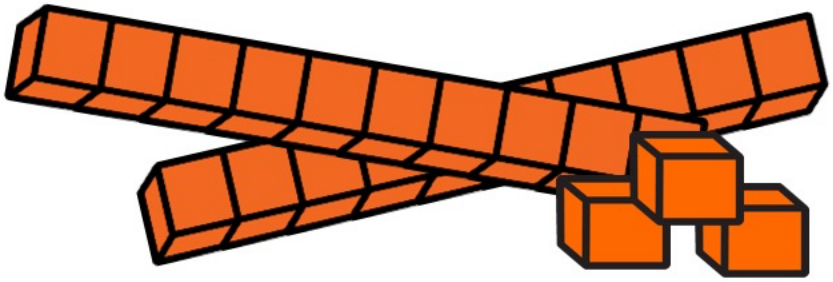
The missing number is ____.
I know this because ____

_____.

MATH JOURNAL

There are ____ tens and ____ ones in **38**.

Draw it.



4P __/__/__

38 has ___ tens and ___ ones.

MATH JOURNAL

Which forms are the same as **40**? Why?

A. 4 tens

B. 4 ones

C. 40 tens

D. 10+10+10+10

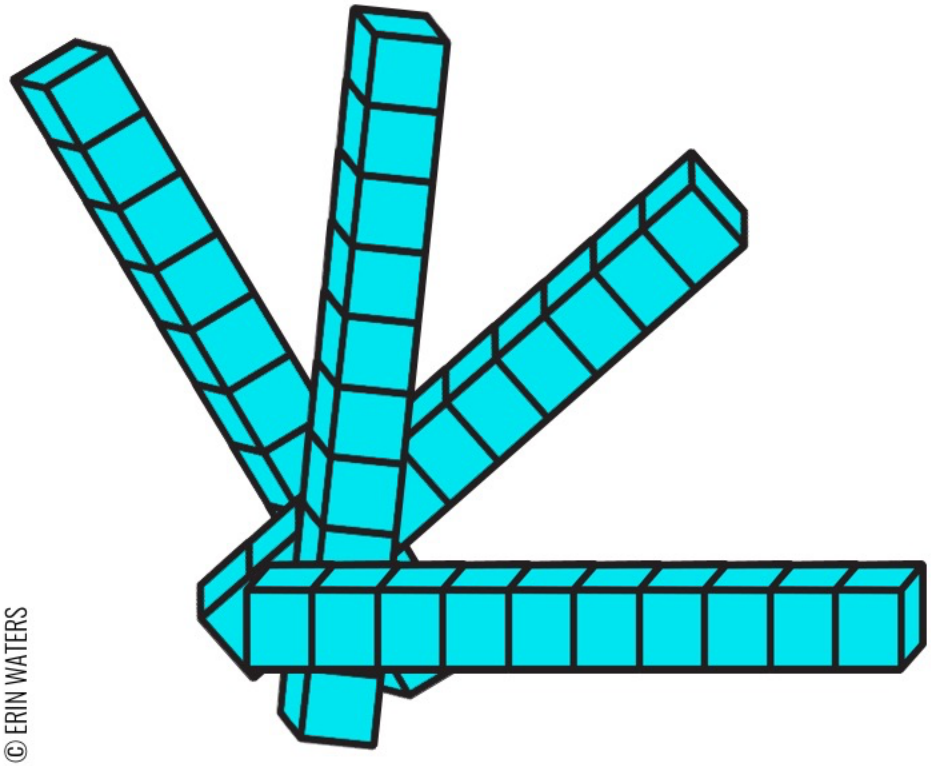
SP __/__/__

____ and ____ are the same because

_____.

MATH JOURNAL

Draw the number **30** using tens blocks.



6P __/__/__

I used ____ tens to make 30.

MATH JOURNAL

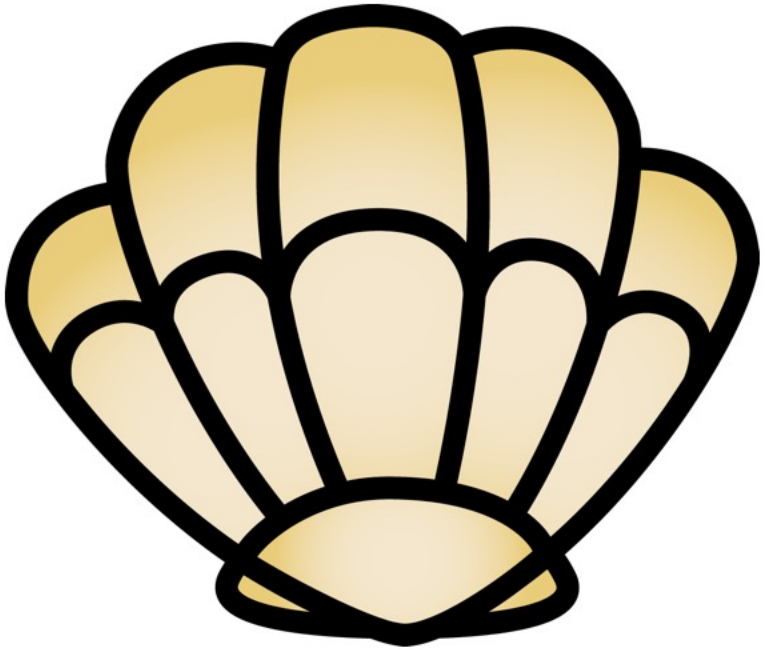
If you have **40** pieces of candy, how many groups of 10 will it make? Draw them using circles!

7P __/__/__

40 pieces of candy makes ____ groups of 10.

MATH JOURNAL

If you have **120** shells, how many groups of 10 will it make?



8P __/__/__

120 shells makes ____ groups of 10.

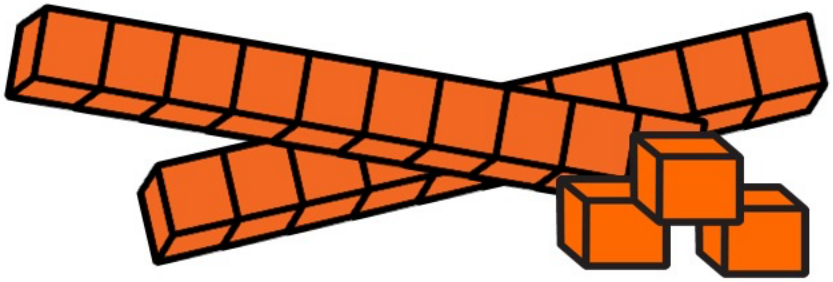
MATH JOURNAL

19 is a group of

____ tens and ____

ones. Draw it using

base 10 blocks.



9P __/__/__

19 has ____ tens

and ____ ones.

MATH JOURNAL

Sort the numbers that have one, two, and three groups of ten.

21

38

26

34

12

30

18

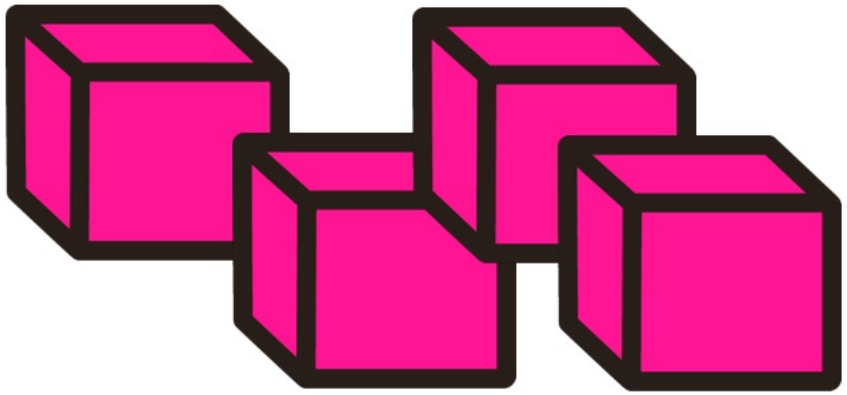
29

10P __/__/__

1 ten	2 tens	3 tens

MATH JOURNAL

How many <u>ones</u> are in the number **14?** How do you know?



11P __/__/__

14 has ____ ones. I know this because _____

_____.

MATH JOURNAL

What do all <u>teen numbers</u> have in common?

11 12 13 14

15 16 17 18

19

12P __/__/__

All teen numbers

_____

MATH JOURNAL

In the number **13**, the **1** tells me how many groups of ____ there are and the **3** tells me how many groups of ____ there are.

13

13P ___/___/___

13

1 group of ___

3 groups of ___

MATH JOURNAL

Fill in the missing numbers on the 120 chart:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
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
61	62	63	64	65	66	67	68	69	70
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
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120

14P __/__/__

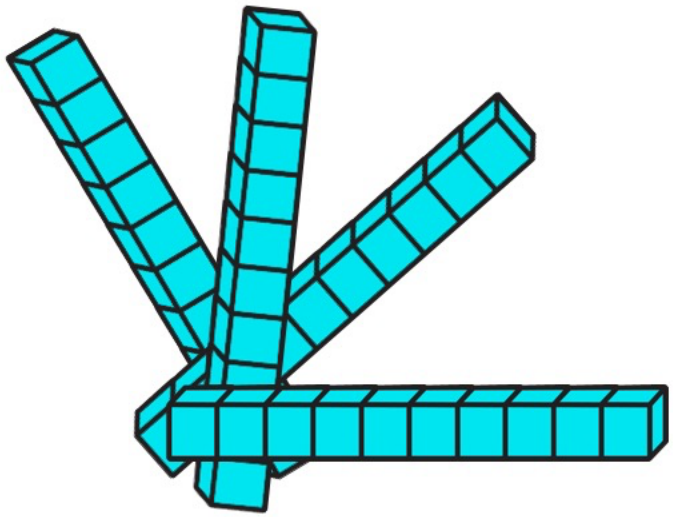
The missing numbers are ___, ___, and ___.

MATH JOURNAL

3 tens=____

10 tens=____

Draw both using tens blocks.



15P __/__/__

3 tens=____

10 tens=____

MATH JOURNAL

Of the numbers below, <u>which ones are groups of ten</u>? How do you know? Write the numbers in the box.

90

80

70

56

47

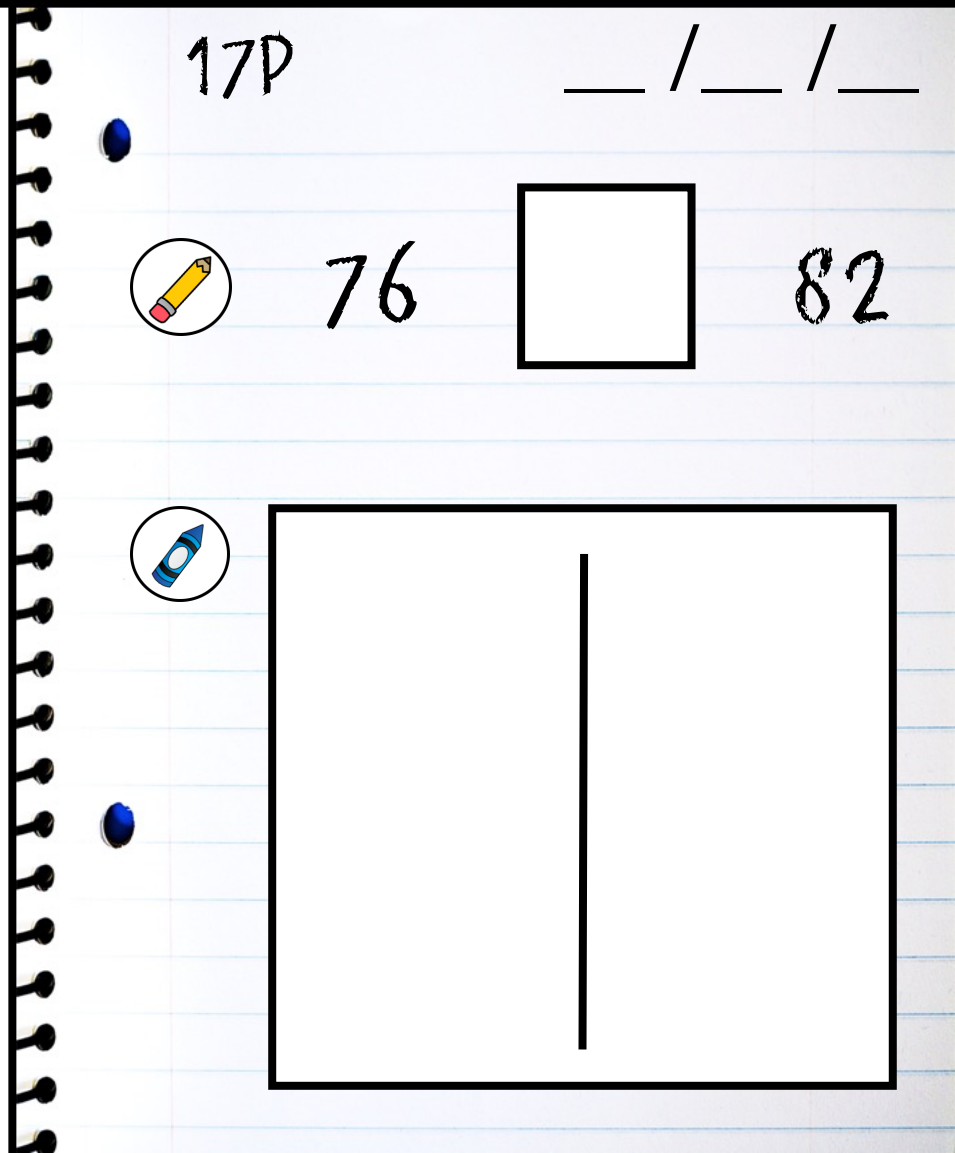
16P __/__/__

These numbers are groups of 10: because

MATH JOURNAL

Which number is larger? Show the relationship using <, >, or =. Draw each number with base 10 blocks to show which is bigger.

76 ☐ 82



MATH JOURNAL

Which number is bigger?
Use the sentence frame
to explain why.

53 **27**

18P ___/___/___

_____ is bigger
because it has
_____ groups of
ten and _____
only has _____
groups of ten.

MATH JOURNAL

Add **34+30**. Write the numbers you say as you count up by 10s to add.

34+30

19P __/__/__

34, ___, ___,

___

34+30=___

MATH JOURNAL

Pat spots **54** bees in his yard. He sees **30** more join them. How many bees are in the yard altogether? Write the numbers you say to count up by 10s when adding.

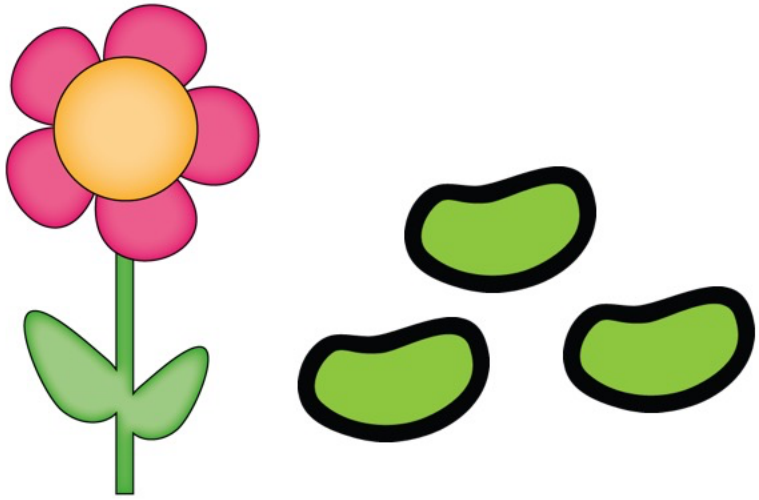
20P __/__/__

54, ___, ___, ___

54+30=___

MATH JOURNAL

There are **43** flowers in Jamie's garden. There are **52** bean plants. How many plants are in the garden total? Draw a picture using base ten blocks to find the answer.



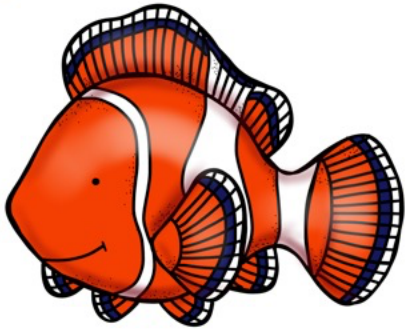
21P __ /__ /__

flowers	bean plants

There are ___ plants total.

MATH JOURNAL

There are **54** clownfish and **24** snails in Justin's aquarium. How many creatures are in the aquarium altogether? Draw a picture using base ten blocks to find the answer.



22P

__ /__ /__

fish	snails

There are ____ creatures altogether.

MATH JOURNAL

Maria makes cookies. She makes **28** chocolate chip cookies and **69** oatmeal raisin cookies. How many cookies does she make in all? Draw a picture using base ten blocks to find the answer.

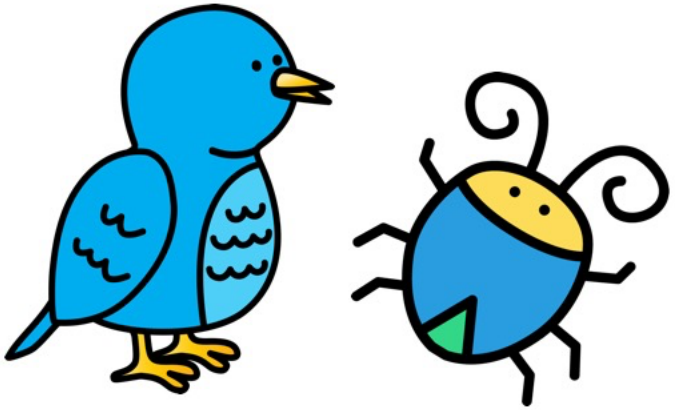
23P __/__/__

Chocolate chip	Oatmeal raisin

There are ____ cookies in all.

MATH JOURNAL

Julio spots **34** birds in the sky. He sees **17** bugs. How many things are in the sky altogether? Draw it. Add the ones first, then the tens.



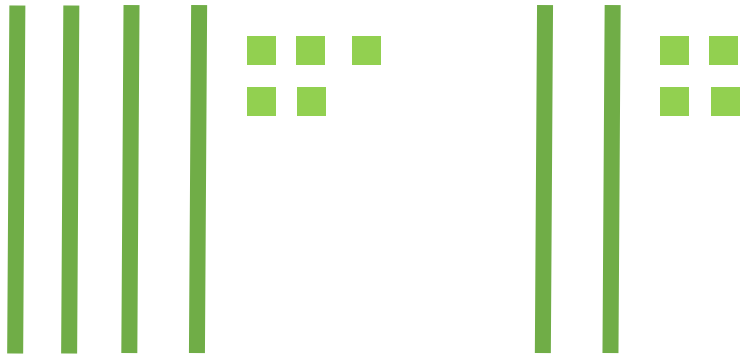
24P __/__/__

Birds	Bugs

_____ things in the sky

MATH JOURNAL

Add the blocks together. Add the **ones** first. How many blocks are there?



25P __/__/__

Tens

Ones

____ blocks

MATH JOURNAL

There are **53** kids in the gym. There are **17** teachers. How many people are in the gym total? Draw a picture using base ten blocks to find the answer.

26P __ /__ /__

Kids	Teachers

Tens

Ones

___ people total

MATH JOURNAL

There are **46** acorns on the ground. There are **15** leaves. How many things are on the ground in all? Draw a picture using base ten blocks to find the answer.

27P __/__/__

Leaves	Acorns

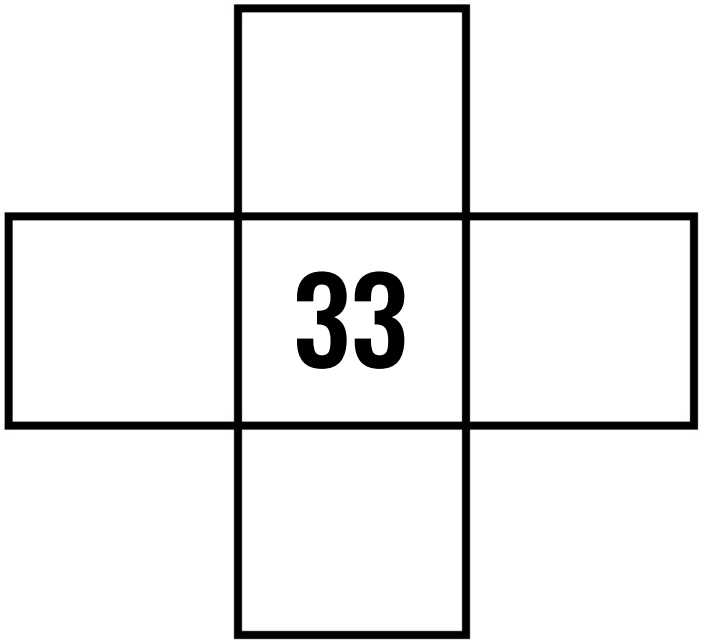
Tens

Ones

____ things in all

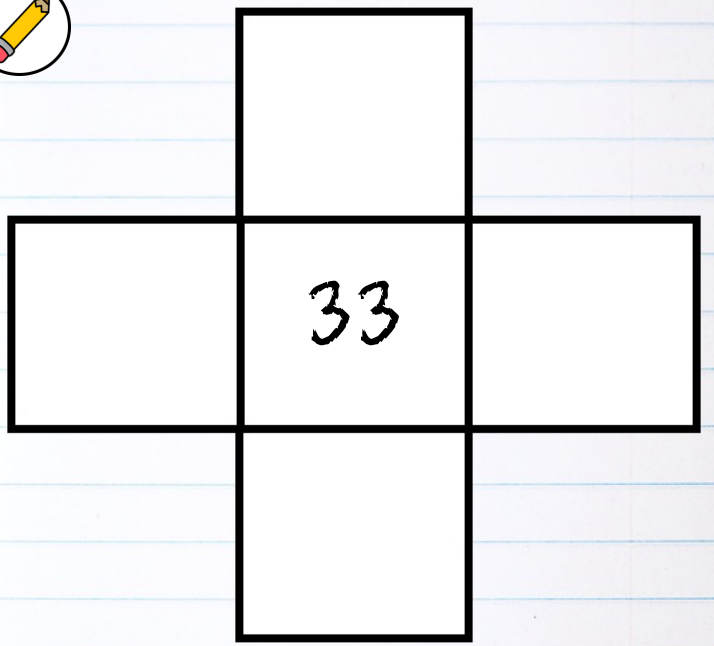
MATH JOURNAL

Fill in the missing numbers on the 120 chart chunk.



28P

__ /__ /__



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10 less than 57 is ___.

10 more than 57 is ___.

Write these as a number sentence.

57

29P __/__/__

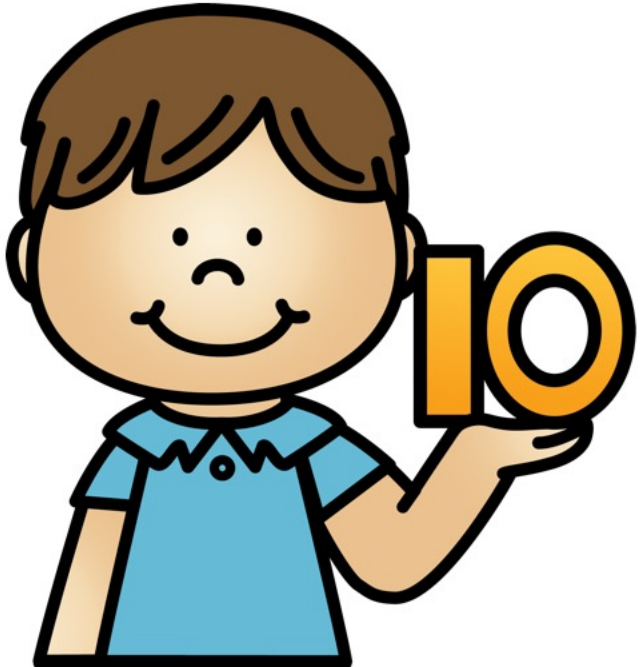
10 less than 57 is ___.

10 more than 57 is ___.

____+____=____

MATH JOURNAL

Write how many 10 more than each number is: 70, 53, 47, 24, 98.



30P __/__/__

70+10=___

53+10=___

47+10=___

24+10=___

98+10=___

MATH JOURNAL

What happens when you take away **70** from **90**? Write the number sentence and solve. How do you know this is correct?

31P __ /__ /__

_____ - _____ = _____

I know this because

_____

_____

MATH JOURNAL

Do you agree or disagree with this statement? Why? Draw and write to explain.

When adding 2-digit numbers, always add the tens first.

32P __/__/__

I agree/disagree because _____

_____

_____

MATH JOURNAL

Do you agree or disagree with this statement? Why? Draw and write to explain.

89 is greater than 98.

33P __/__/__

I agree/disagree because _____

_____

_____