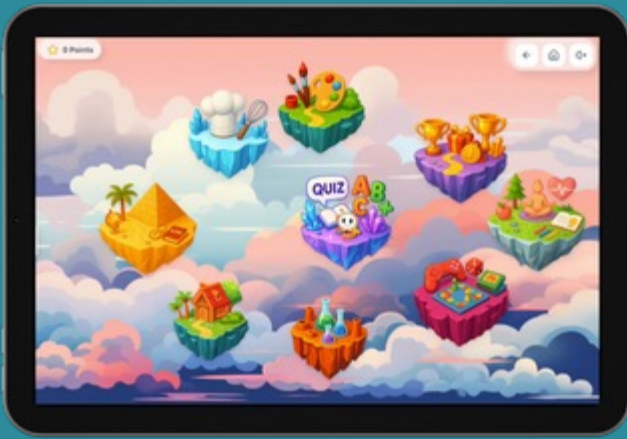


Sukindi

— LEARNING —

Homework without the hassle

Sukindi is an Australian learning platform that supports Teachers, Parents and Students with an interactive homework app and downloadable resources.



Scan to start your
free 7-day trial

www.sukindi.com.au



Place Value to 120 - Year 1

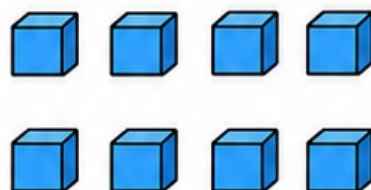
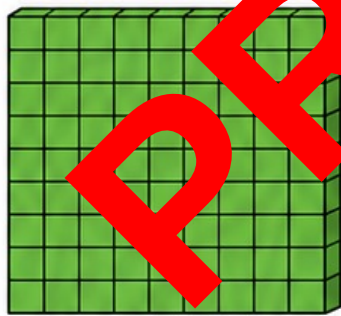
Table of Contents	
Presentation: Place Value to 120	
Reference Display	
Build It Place Value Mat	
Part-Part-Whole Market Cards	
Race to 120 Place Value Game	
Count, Build and Write	
What Is the Number?	
Partition It Three Ways	
Compare and Order to 120	
Number Neighbours	
Quiz: Place Value to 120	
Assessment: Number Workshop Check-In	
Rubric: Place Value to 120 Rubric	



Place Value to 120



118

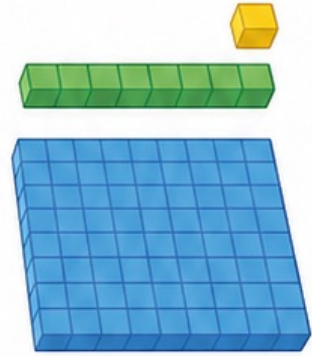


1 hundred + 1 ten + 8 ones

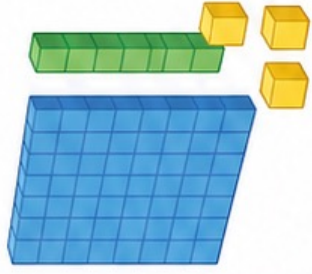
$$100 + 10 + 8 = 118$$



The position of a digit tells its value.



Build It! Place Value Mat



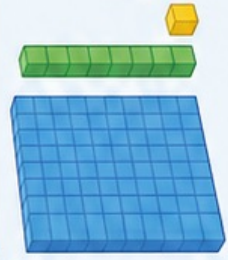
My number:

Hundreds	Tens	Ones

PREVIEW



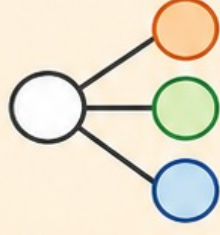
Pick a
number card.



Build it.



Say it.



Partition it.

Part-Part-Whole Market Cards

WHOLE CARDS

Match each whole card to its two parts.



Part-Part-Whole Market Cards

PART CARDS

Match each pair of parts to its whole.


$$20 + 4$$


$$30 + 6$$

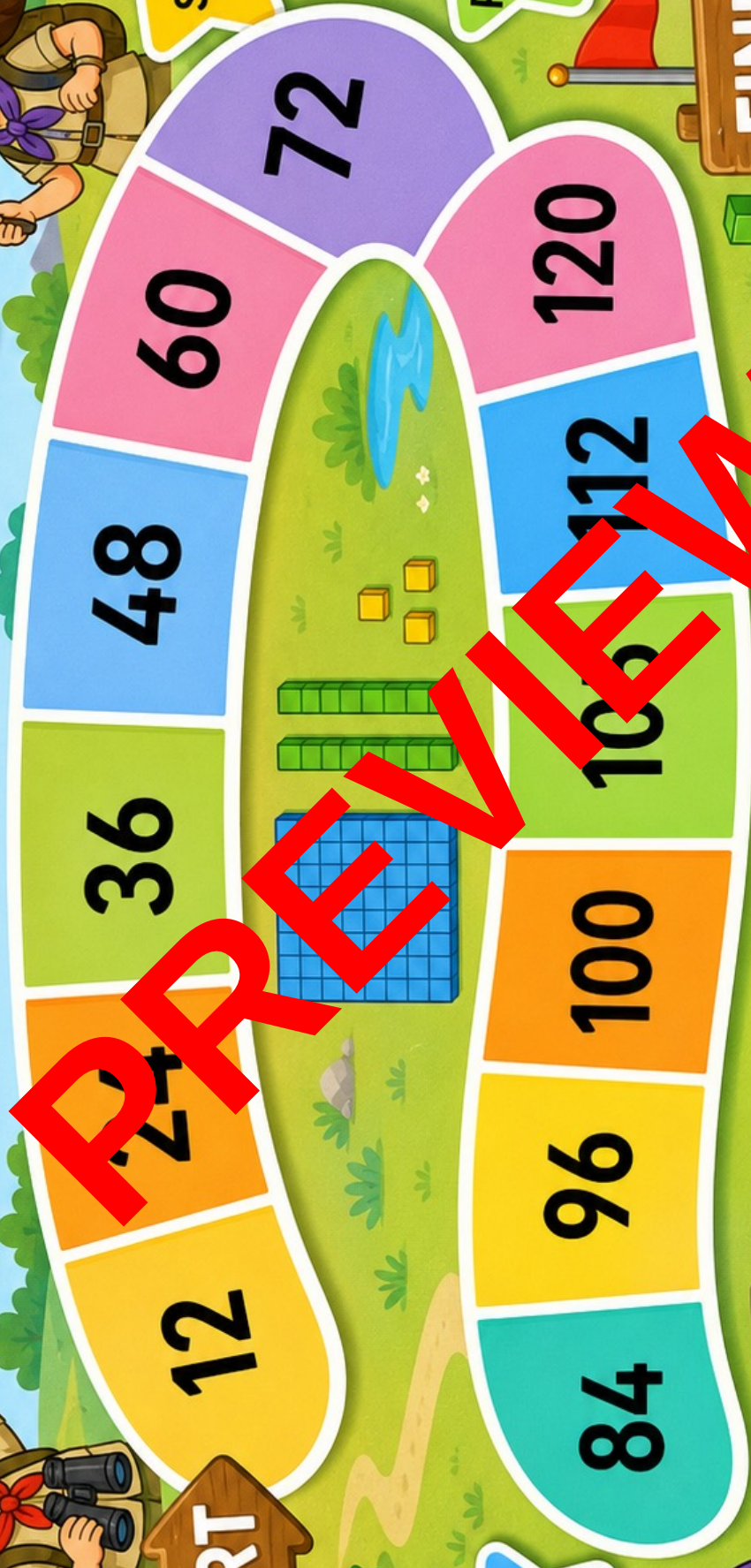

$$40 + 7$$


$$50 + 8$$


$$70 + 2$$


$$100 + 5$$

Race to 120

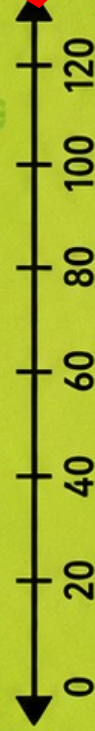


Say it

Partition it

Build it

FINISH



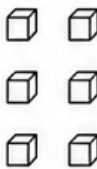
Use a die and counters. Land on a number, then say it, build it or partition it.

Count, Build and Write

Name: _____

Read each place-value chart. Write the number and its expanded form.

1.

Hundreds	Tens	Ones
		

Number: _____

Expanded form: _____

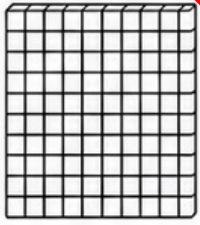
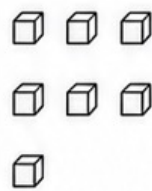
2.

Hundreds	Tens	Ones
		

Number: _____

Expanded form: _____

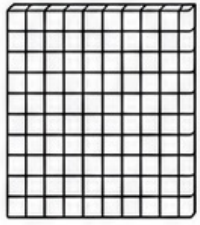
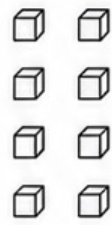
3.

Hundreds	Tens	Ones
		

Number: _____

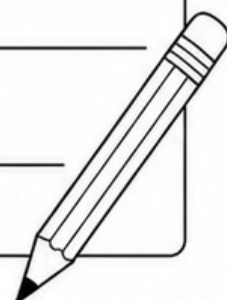
Expanded form: _____

4.

Hundreds	Tens	Ones
		

Number: _____

Expanded form: _____

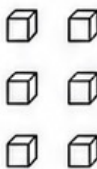


Count, Build and Write

ANSWERS: _____

Read each place-value chart. Write the number and its expanded form.

1.

Hundreds	Tens	Ones
		

Number: 26

Expanded form: $20 + 6$

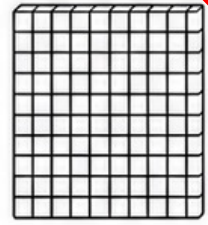
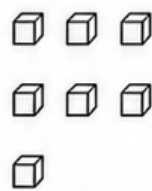
2.

Hundreds	Tens	Ones
		

Number: 54

Expanded form: $50 + 4$

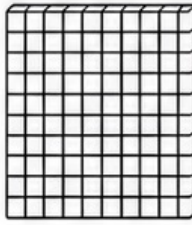
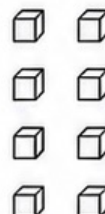
3.

Hundreds	Tens	Ones
		

Number: 107

Expanded form: $100 + 7$

4.

Hundreds	Tens	Ones
		

Number: 118

Expanded form: $100 + 10 + 8$



Count, Build and Write

Name: _____

Draw base-ten blocks for each number. Then fill the place-value chart.

1. 34

Hundreds	Tens	Ones

2. 62

Hundreds	Tens	Ones

3. 105

Hundreds	Tens	Ones

4. 119

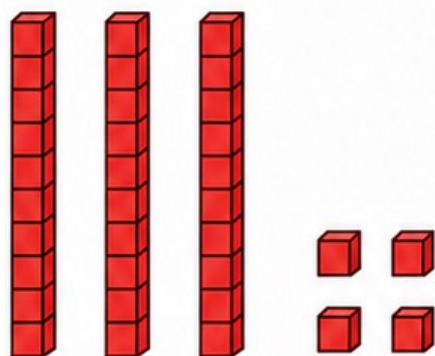
Hundreds	Tens	Ones

Count, Build and Write

ANSWERS: _____

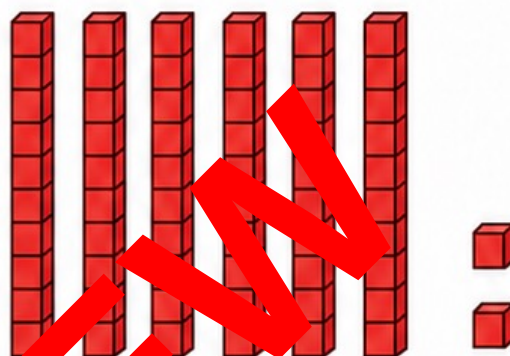
Draw base-ten blocks for each number. Then fill the place-value chart.

1. 34



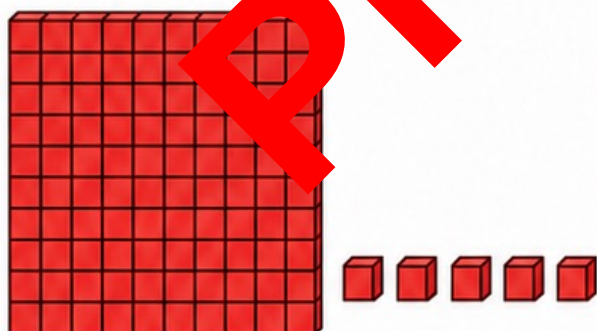
Hundreds	Tens	Ones
0	3	4

2. 62



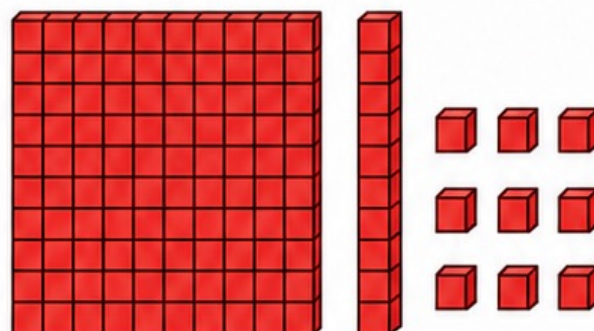
Hundreds	Tens	Ones
0	6	2

3. 105



Hundreds	Tens	Ones
1	0	5

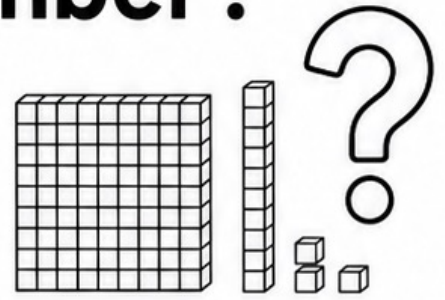
4. 119



Hundreds	Tens	Ones
1	1	9

What Is the Number?

Name: _____



Write the number shown in each way.

1. $20 + 7 =$

2. 5 tens + 3 ones =

3. $80 + 9 =$

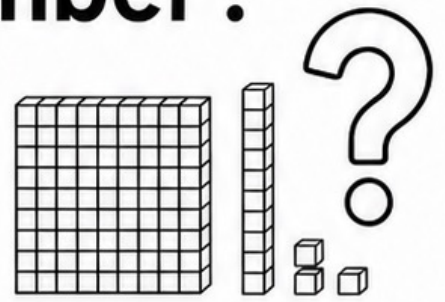
4. 1 hundred + 4 ones =

5. $100 + 10 + 8 =$

6. 9 tens + 14 ones =

What Is the Number?

ANSWERS _____



Write the number shown in each way.

1. $20 + 7 =$

27

2. 5 tens + 3 ones =

53

3. $80 + 9 =$

89

4. 1 hundred + 4 ones =

104

5. $100 + 10 + 8 =$

118

6. 9 tens + 14 ones =

104

Partition It Three Ways

Name: _____

Show each number in three different ways.

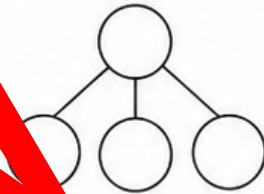
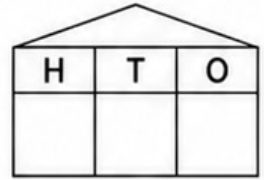
1.

24

hundreds + tens + ones: _____

all ones: _____

expanded form: _____



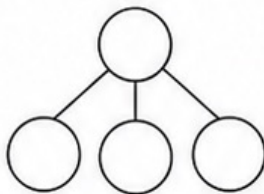
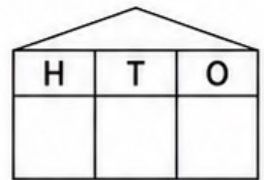
2.

57

hundreds + tens + ones: _____

all ones: _____

expanded form: _____



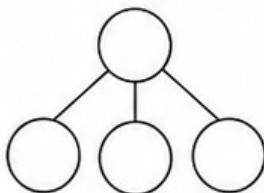
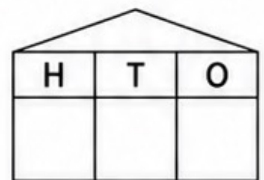
3.

83

hundreds + tens + ones: _____

all ones: _____

expanded form: _____



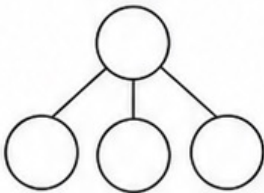
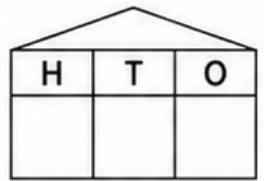
4.

116

hundreds + tens + ones: _____

all ones: _____

expanded form: _____



Partition It Three Ways

ANSWERS _____

Show each number in three different ways.

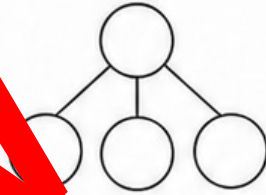
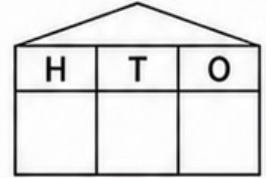
1.

24

hundreds + tens + ones: 0 + 2 + 4

all ones: 24 ones

expanded form: 20 + 4



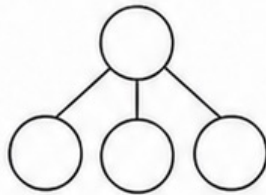
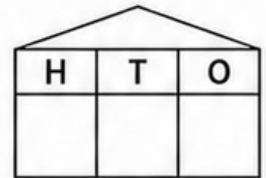
2.

57

hundreds + tens + ones: 0 + 5 + 7

all ones: 57 ones

expanded form: 50 + 7



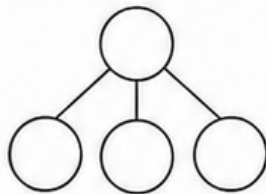
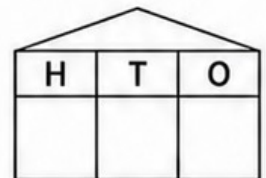
3.

83

hundreds + tens + ones: 0 + 8 + 3

all ones: 83 ones

expanded form: 80 + 3



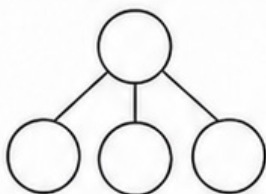
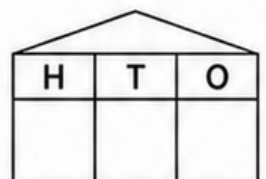
4.

116

hundreds + tens + ones: 1 + 1 + 6

all ones: 116 ones

expanded form: 100 + 10 + 6



Compare and Order to 120

Name: _____

Write $<$, $>$ or $=$.

1. 26

62

2. 47

47

3. 105

95

4. 83

38

5. 100

110

6. 72

70



Write each set in ascending order.

7. 38, 83, 103



8. 54, 45, 104



9. 120, 102, 112



Compare and Order to 120

ANSWERS

Write $<$, $>$ or $=$.

1. 26

$<$

62

2. 47

$=$

47

3. 105

$>$

95

4. 83

$>$

38

5. 100

$<$

110

6. 72

$<$

70



Write each set in ascending order.

7. 38, 83, 103



38, 83, 103

8. 54, 45, 104



45, 54, 104

9. 120, 102, 112

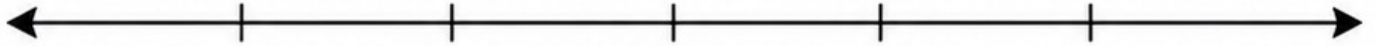
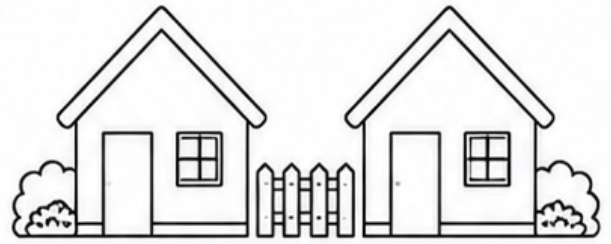


102, 112, 120

Number Neighbours

Name: _____

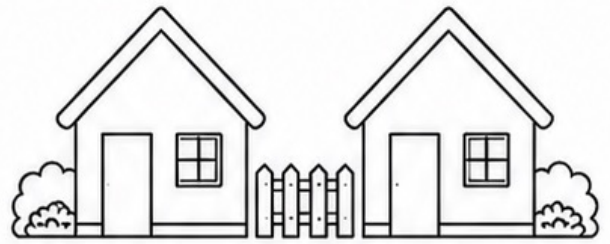
Complete the table.



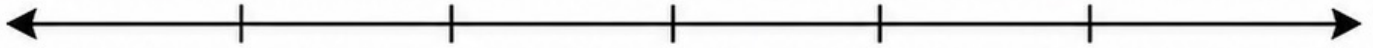
Number	10 less	1 less	1 more	10 more
28				
46				
73				
105				
110				

Number Neighbours

ANSWERS: _____



Complete the table.



Number	10 less	1 less	1 more	10 more
28	18	27	29	38
46	36	45	47	56
73	63	72	74	83
105	95	104	106	115
110	100	109	111	120

Number Workshop Check-In



Name: _____

Show what you know about place value to 120.

1. Write the numeral: 7 tens + 4 ones =

2. Write the expanded form: $108 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

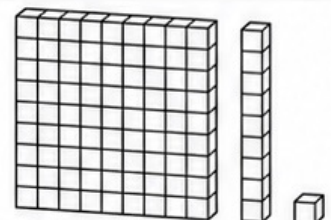
3. Fill the H/T/O chart for 96.

H	T	O

4. Draw base-ten blocks for 100.

5. Write $<$, $>$ or $=$: 83 103

6. One more than 119 is



Number Workshop Check-In



ANSWERS: _____

Show what you know about place value to 120.

1. Write the numeral: 7 tens + 4 ones =

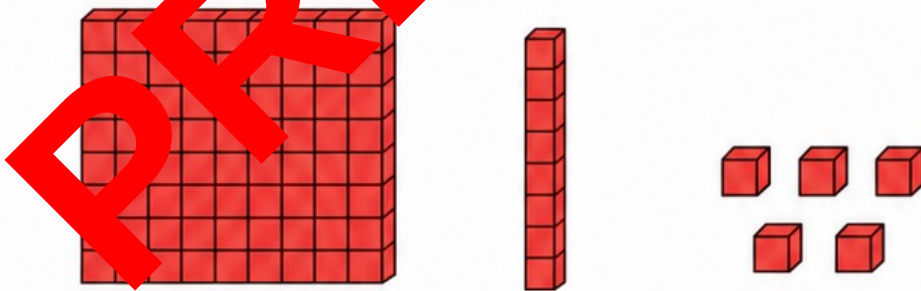
74

2. Write the expanded form: $108 = \underline{100} + \underline{0} + \underline{8}$

3. Fill the H/T/O chart for 96.

H	T	O
0	9	6

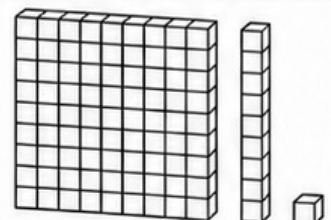
4. Draw base-ten blocks for 116.



5. Write $<$, $>$ or $=$: 83 103

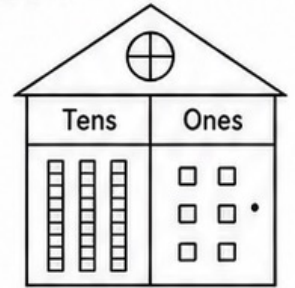
6. One more than 119 is

120



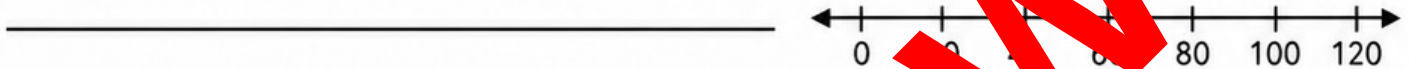
Number Workshop Check-In

Name: _____

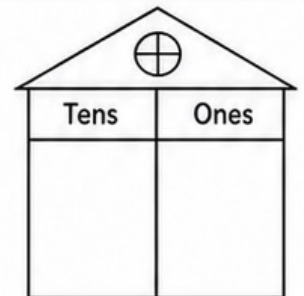


Keep showing what you know.

1. Put in ascending order: 47, 74, 107



2. Partition 62: ____ tens + ____ ones



3. 4 tens + 15 ones =

4. Show 103 in two different ways.

Way 1: _____

Way 2: _____

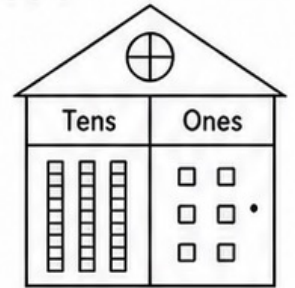
5. Ten less than 113 is

6. In 118, what is the value of the digit 1 in the tens place?

Number Workshop Check-In

ANSWERS

Keep showing what you know.

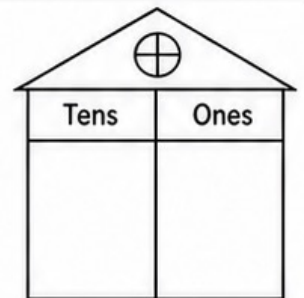


1. Put in ascending order: 47, 74, 107

47, 74, 107



2. Partition 62: 6 tens + 2 ones



3. 4 tens + 15 ones = 55

4. Show 103 in two different ways.

Way 1: 1 hundred + 3 ones

Way 2: 10 tens + 3 ones

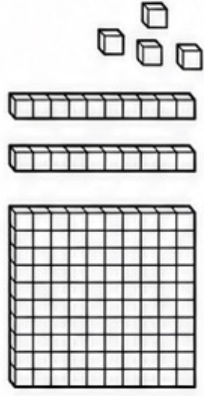
5. Ten less than 113 is

103

6. In 118, what is the value of the digit 1 in the tens place?

10

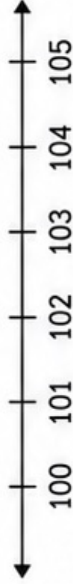
Place Value to 120 Rubric

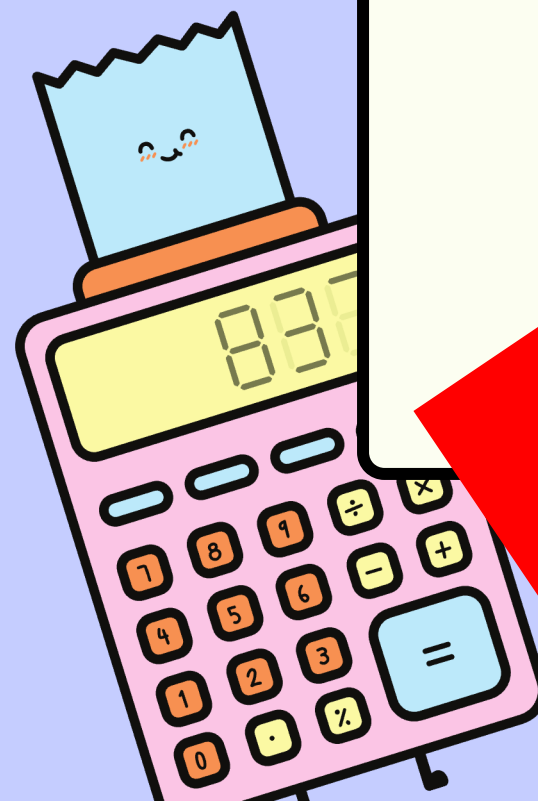
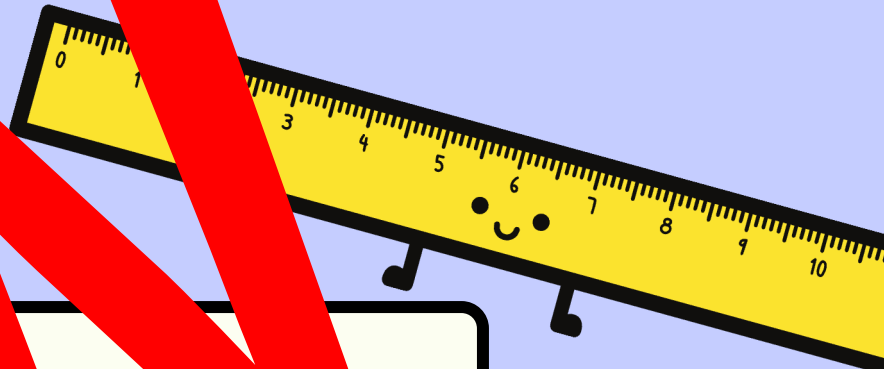
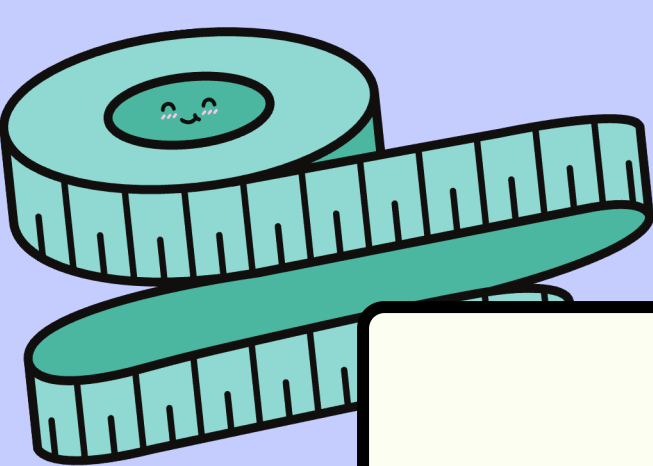


Name: _____

Criteria	BEGINNING Needs support	DEVELOPING Partly correct	ACHIEVING Usually accurate	CONFIDENT Accurate and explains	EXCEEDING Flexible and justifies
Reads and writes numbers to 120	☐	☐	☐	☐	☐
Represents hundreds, tens and ones	☐	☐	☐	☐	☐
Partitions numbers in standard and non-standard ways	☐	☐	☐	☐	☐
Compares, orders and finds number neighbours	☐	☐	☐	☐	☐

Teacher comments:





PREVIEW

Place Value to 120

Our Place Value Goals

We will read, build, partition, compare and order numbers to 120.

Key words

- digit
- value
- hundreds
- tens

partiti



A Digit's Place Matters

A digit can have a different value when it moves.

In 26, the 2 means 2 tens, or 20.

In 62, the 2 means 2 ones.



Trade Ten Ones for One Ten

10 ones = 1 ten

Grouping in tens helps us count quickly.

The whole number stays the same when we regroup it.



Build 24

2 tens + 4 ones = 24

$20 + 4 = 24$

The digit 2 is in the tens place.

The digit 4 is in the ones place.



Read a Place-Value Chart

Hundreds | Tens | Ones

0 | 4 | 7

4 tens and 7 ones

$40 + 7$

47



Build and Read 36

3 tens + 6 ones

$$30 + 6 = 36$$

Say: thirty-six.



Expand 47

4 tens + 7 ones

$$40 + 7 = 47$$

Expanded form shows the value of each digit



Show 58 More Than One Way

5 tens + 8 ones

4 tens + 18 ones

58 ones

All show the same whole.



Meet the Hundreds Place

10 tens = 1 hundred

100 has 1 hundred, 0 tens and 0 ones



Build 105

1 hundred + 0 tens + 5 ones

$$100 + 5 = 105$$

Say: one hundred and five



Build 118

1 hundred + 1 ten + 8 ones

$$100 + 10 + 8 = 118$$

Say: one hundred and eighteen.



Regroup 34

3 tens + 4 ones = 34

2 tens + 14 ones = 34

The parts changed. The whole stayed 34.



Regroup 82

8 tens + 2 ones = 82

7 tens + 12 ones = 82

Both representations are equal.



Compare 26 and 62

Compare the tens first.

2 tens is less than 6 tens.

$$26 < 62$$



Order Numbers to 100

38, 83, 103

$38 < 83 < 103$

Look at hundreds first, then tens, then ones.



Find Number Neighbors

For 73:

1 less = 72

1 more = 74

10 less = 63

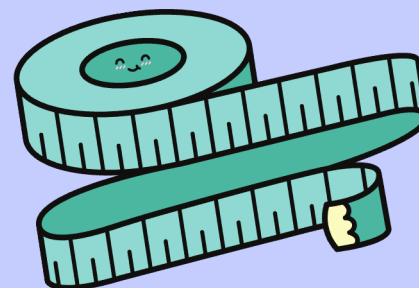
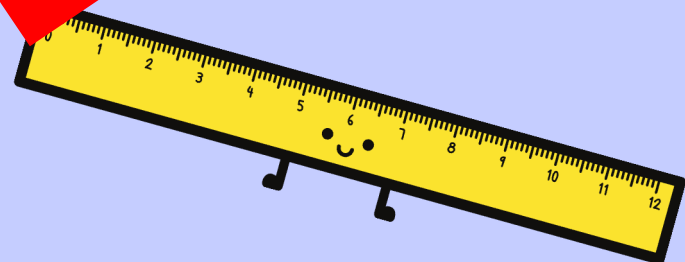
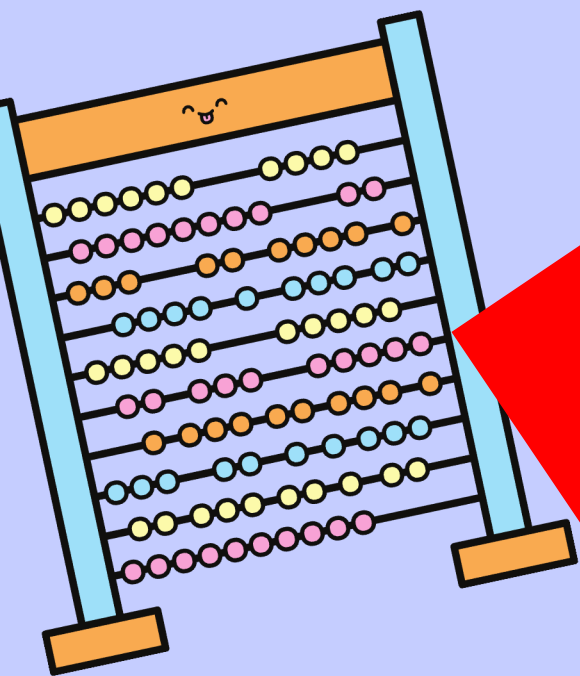
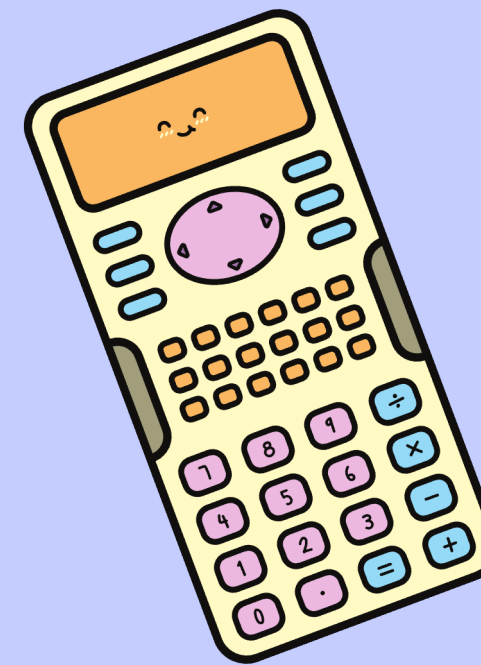
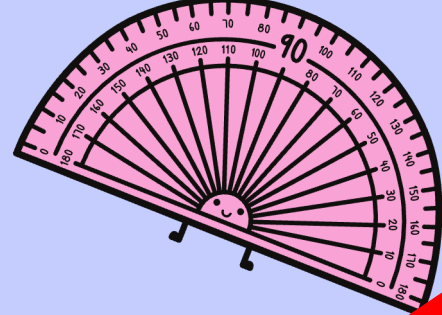
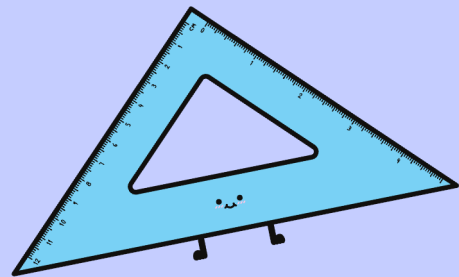
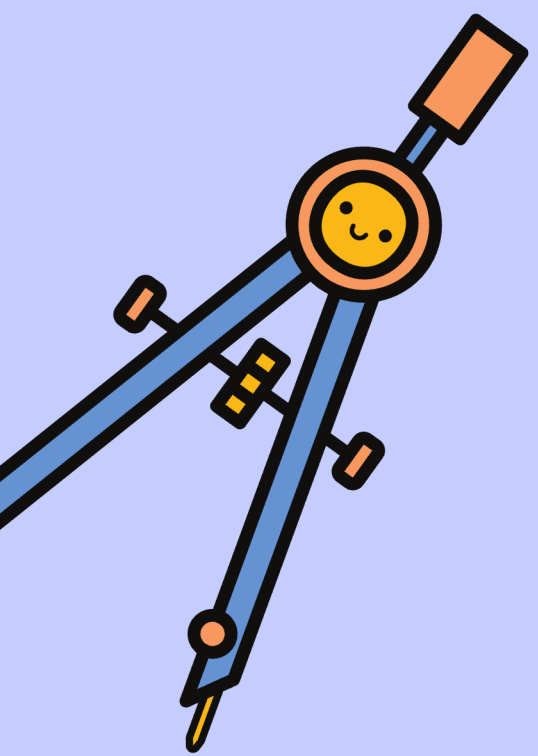
10 more = 83



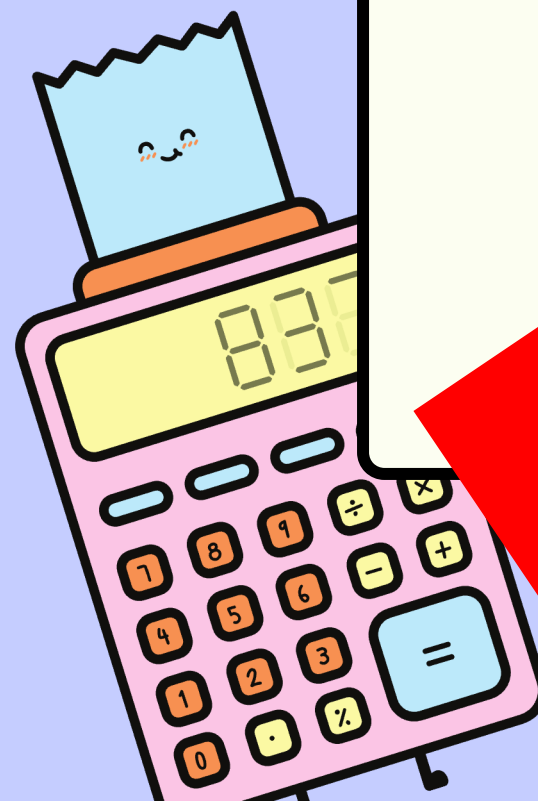
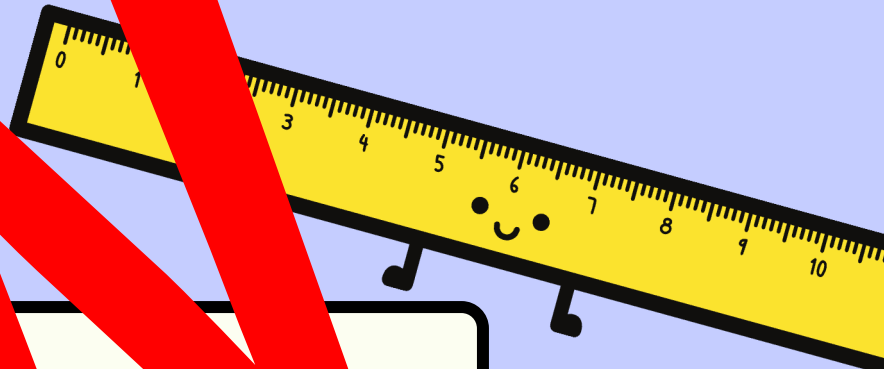
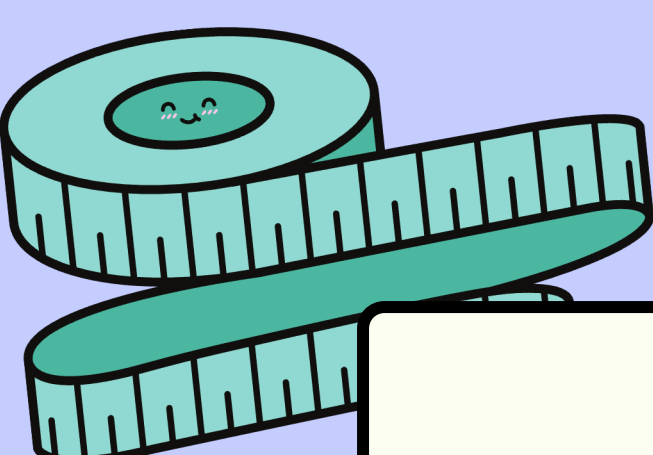
Place Value Review

- A digit's value depends on its place.
- 10 ones can be regrouped as 1 ten.
- 10 tens can be regrouped as 1 hundred.
- Compare hundreds, then tens, then ones.
- Numbers to 120 can be partitioned in different ways.





PREVIEW



PREVIEW

Place Value to 120 Quiz



Question 1

Which numeral has 4 tens and 2 ones?

- A. 24
- B. 42
- C. 40
- D. 204



Answer 1

B. 42

4 tens = 40

2 ones = 2

$40 + 2 = 42$



Question 2

True or false?

In 67, the digit 6 has a value of 60.



Answer 2

True

The 6 is in the tens place, so its value is 60.



Question 3

Complete the partition.

53 = ____ tens + ____ ones



Answer 3

53 = 5 tens + 3 ones



Question 4

Which expanded form matches 108?

A. $100 + 80$

B. $10 + 8$

C. $100 + 8$

D. $80 + 1$



Answer 4

C. $100 + 8$

108 has 1 hundred, 0 tens and 8 ones



Question 5

Choose the greater number.

76 or 67



Answer 5

76

Compare the tens: 7 tens is greater than 6 tens



Question 6

Put these numbers in ascending order.

112, 21, 102



Answer 6

21, 102, 112

Ascending means least to greatest.



Question 7

What is 10 more than 64?

PREVIEW



Answer 7

74

Adding 10 increases the tens digit by



Question 8

What is 1 less than 100?

PREVIEW



Answer 8

99

$$100 - 1 = 99$$



Question 9

Which shows the same number as 3 tens and 4 ones?

- A. 34
- B. 44
- C. 314
- D. 17



Answer 9

B. 44

$$3 \text{ tens} + 14 \text{ ones} = 30 + 14 = 44.$$



Question 10

A number has 1 hundred, 1 ten and 9 ones.

What is the number?

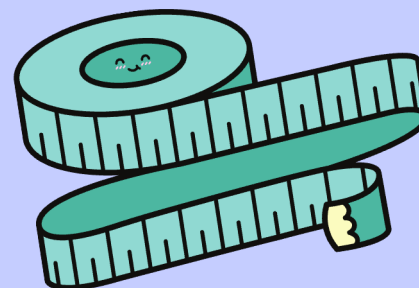
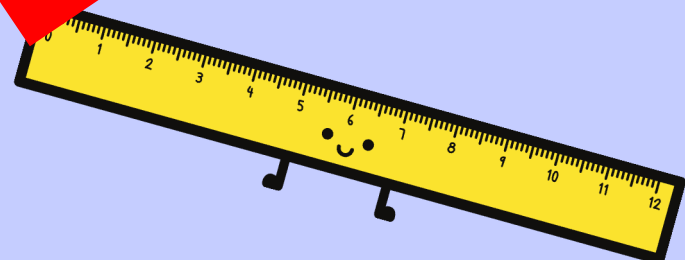
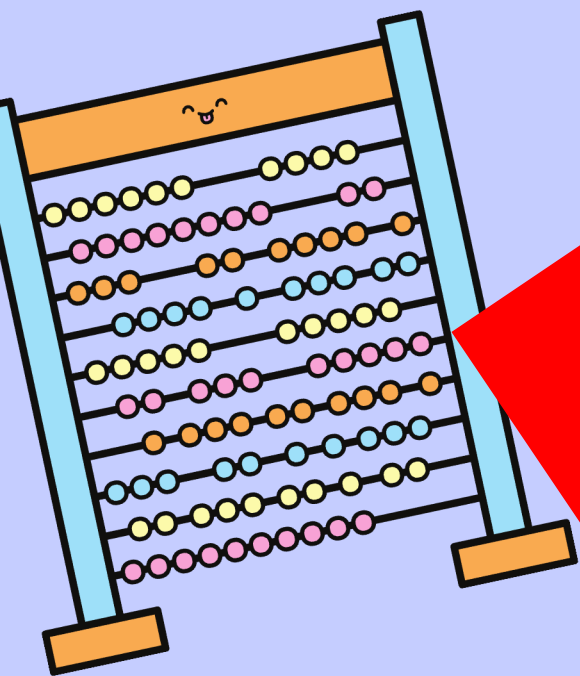
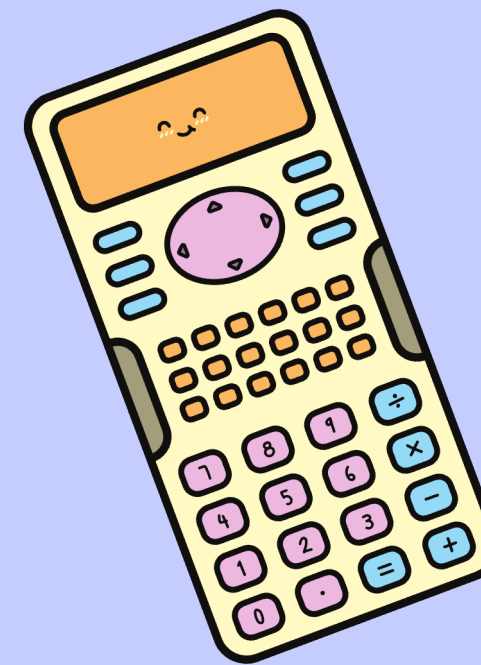
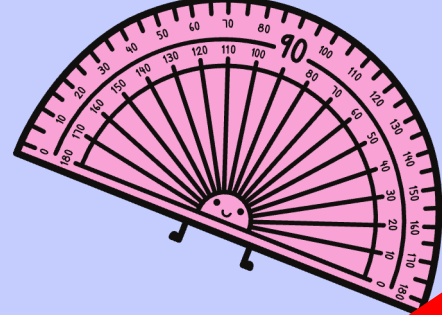
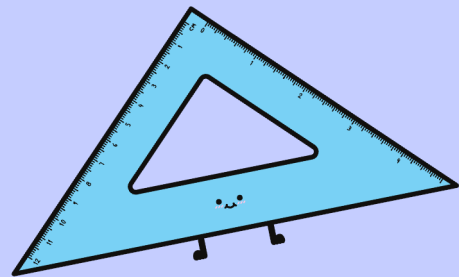
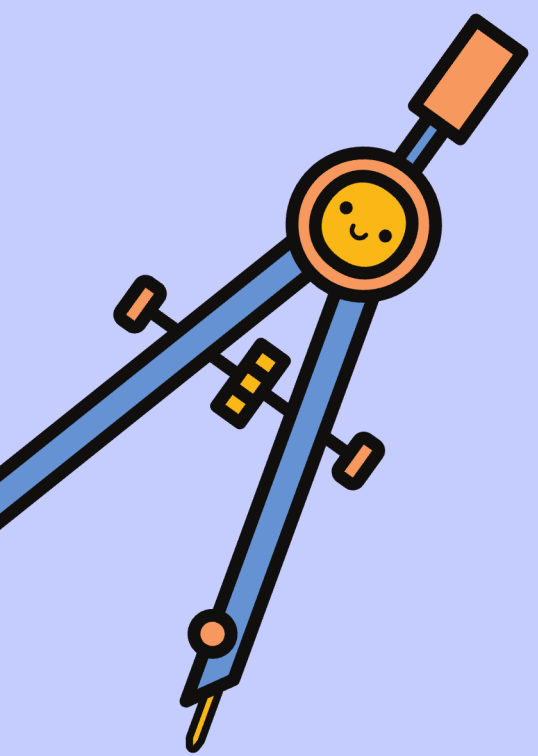


Answer 10

119

$$100 + 10 + 9 = 119$$





PREVIEW