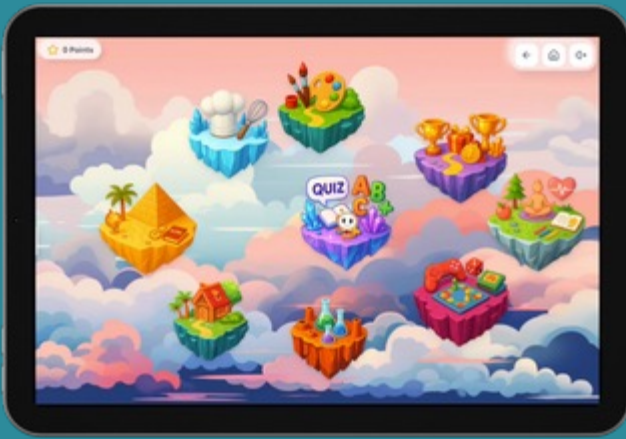


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Recognise and Order Numbers to 120 - Year 1

Table of Contents	
Presentation: Recognise and Order Numbers to 120	
Displays: Numbers to 120 Reference and Strategy	
Activity: Number Match and Order	
Game: Race to 120	
Activity: Puzzle the Number Grid	
Worksheets: Read and Match Numbers	
Worksheets: Show Numbers Three Ways	
Worksheets: Number Line Detectives	
Worksheets: Number Patterns to 120	
Worksheets: Order Numbers and Number Paths	
Quiz: Recognise and Order Numbers to 120	
Assessment: Numbers to 120 Check-In	
Rubric: Recognise and Order Numbers to 120 Rubric	



Numbers to 120 Reference 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

Across: 1 more or 1 less. Down: 10 more or 10 less.

1 Read, Build and 2 Order Numbers

1

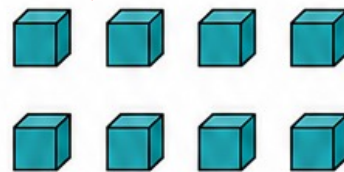
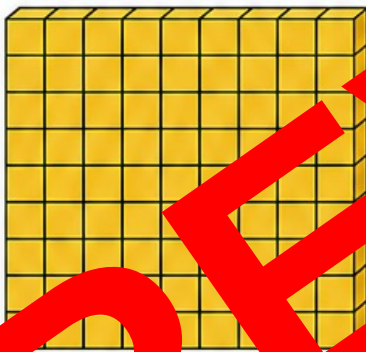
READ

118 = one hundred and eighteen

2

BUILD

1 hundred, 1 ten, 8 ones



3

PLACE



4

ORDER

108, 118, 120

least to greatest

Look at hundreds, then tens, then ones.

Number Order Match and Order

1 2 3 4

1. Shuffle the cards.
2. Match each number to its number name.
3. Choose six matching pairs.
4. Place the number pairs from least to greatest.
5. Reverse the order and place from greatest to least.

LEAST TO GREATEST

--	--	--	--	--	--

GREATEST TO LEAST

--	--	--	--	--	--

0

zero

7

seven

18

eighteen

32

thirty-two

49

forty-nine

60

sixty

71

seventy-one

84

eighty-four

95

ninety-five

101

one hundred and one

110

one hundred and ten

120

one hundred and twenty

14

fourteen

41

forty-one

76

seventy-six

99

ninety-nine

106

one hundred and six

117

one hundred and seventeen

Race to 120



Roll, move, then answer a challenge card.

Correct answer: stay.

Try again: move back one space.

Race to 120 Challenge Cards

1

Read 47.

2

Write
seventy-three
as a numeral.

3

What is 1
more than 9?

4

What is 1
less than 110?

5

What is 10
more than 62?

6

What is 10
less than 105?

7

Order 18, 100, 108
from least to
greatest.

8

Which is
greatest:
49, 94, 104?

9

Which is
least: 120, 21,
102?

10

What number
is between
116 and 118?

11

What comes
after 89?

12

What comes
before 100?

Race to 120 - Check Your Answers

1

forty-seven

2

73

3

100

4

109

5

72

6

95

7

108, 81, 100

8

104

9

21

10

117

11

90

12

99

Check, explain and try again if you need to.

Puzzle the Number Grid - 1 to 60

Cut along the thick lines, mix the pieces, then rebuild the number grid.

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

Puzzle the Number Grid - 61 to 120

Cut along the thick lines, mix the pieces, then rebuild the number grid.

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

Name: _____

Read and Match Numbers - Part 1

Write the matching letter in each box.

17

42

68

95

103

118

A. one hundred and three

B. forty-two

C. one hundred and eighteen

D. seventeen

E. ninety-five

F. sixty-eight

Fast finish: Circle the smallest number. Underline the greatest number.

Name: ANSWERS

Read and Match Numbers - Part 1

Write the matching letter in each box.

17

D

42

B

68

F

95

E

103

A

118

C

A. one hundred and three

B. forty-two

C. one hundred and eighteen

D. seventeen

E. ninety-five

F. sixty-eight

Fast finish: Circle the smallest number. Underline the greatest number.

Name: _____

Read and Match Numbers - Part 2

Write the matching form.

1. 26 = _____

2. seventy-four = _____

3. 109 = _____

4. one hundred and sixteen = _____

5. 51 = _____

6. ninety = _____

Order these numbers from least to greatest:

90, 26, 109, 51, 74, 116

--	--	--	--	--	--



least to greatest

Name: ANSWERS

Read and Match Numbers - Part 2

Write the matching form.

1. 26 = twenty-six

2. seventy-four = 74

3. 109 = one hundred and nine

4. one hundred and sixteen = 116

5. 51 = fifty one

6. ninety = 90

Order these numbers from least to greatest:

90, 26, 109, 51, 74, 116

26

51

74

90

109

116



least to greatest

Name: _____

Show Numbers Three Ways - Part 1

Complete each section.

47

H	T	O

Expanded form:

Draw base-ten blocks:

82

H	T	O

Expanded form:

Draw base-ten blocks:

106

H	T	O

Expanded form:

Draw base-ten blocks:

Show Numbers Three Ways - Part 1

Complete each section.

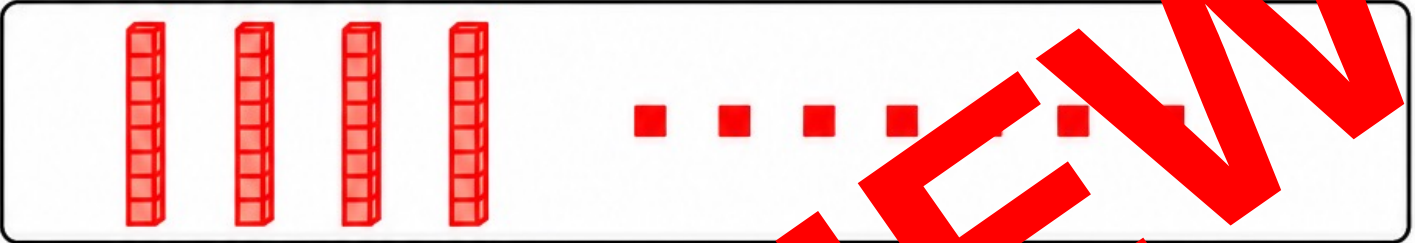
47

H	T	O
0	4	7

Expanded form:

40 + 7

Draw base-ten blocks:



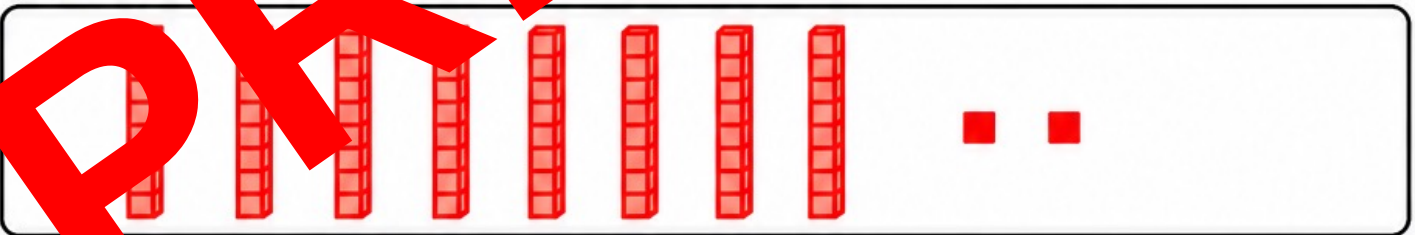
82

H	T	O
0	8	2

Expanded form:

80 + 2

Draw base-ten blocks:



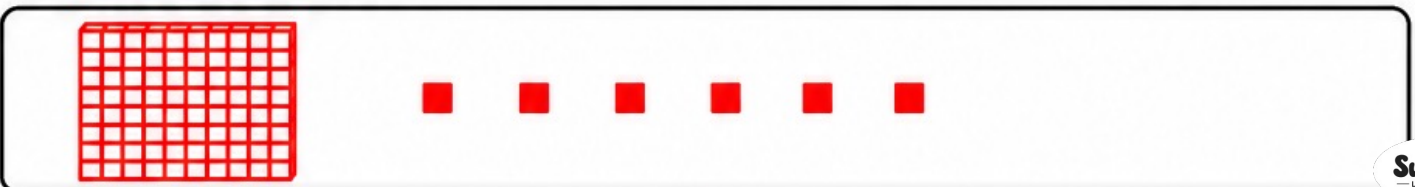
106

H	T	O
1	0	6

Expanded form:

100 + 6

Draw base-ten blocks:



Name: _____

Show Numbers Three Ways - Part 2

Complete each section.

19

Number name: _____

H	T	O

Expanded form: _____

70

Number name: _____

H	T	O

Expanded form: _____

115

Number name: _____

H	T	O

Expanded form: _____

Name: ANSWERS

Show Numbers Three Ways - Part 2

Complete each section.

19

Number name: nineteen

H	T	O
0	1	9

Expanded form: $10 + 9$

70

Number name: seventy

H	T	O
0	7	0

Expanded form: 70

115

Number name: one hundred and fifteen

H	T	O
1	1	5

Expanded form: $100 + 10 + 5$

Name: _____

Number Line Detectives - Part 1

Write the number shown by the star.

							★			
--	--	--	--	--	--	--	---	--	--	--

0

10

--

			★							
--	--	--	---	--	--	--	--	--	--	--

20

30

--

							★			
--	--	--	--	--	--	--	---	--	--	--

50

60

--

					★					
--	--	--	--	--	---	--	--	--	--	--

80

90

--

				★						
--	--	--	--	---	--	--	--	--	--	--

110

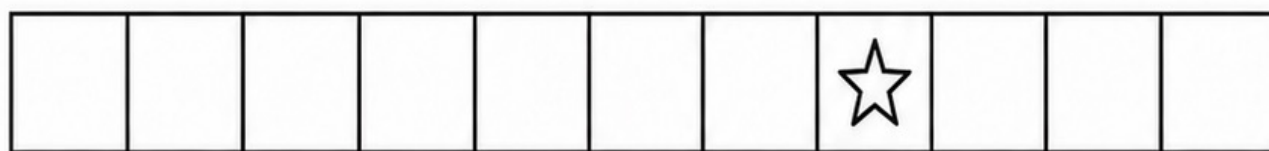
120

--

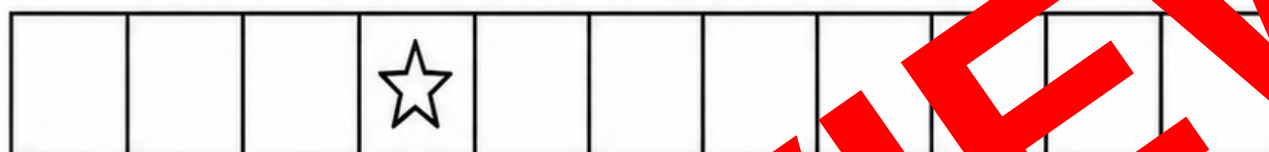
Name: ANSWERS

Number Line Detectives - Part 1

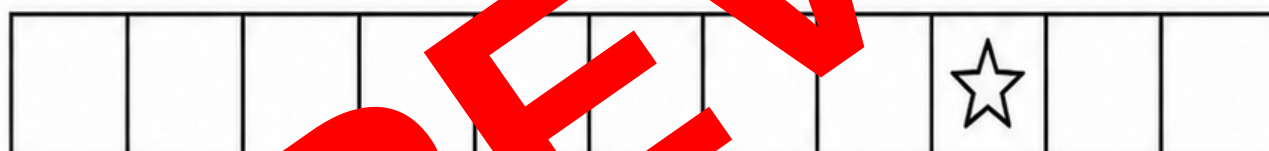
Write the number shown by the star.



7



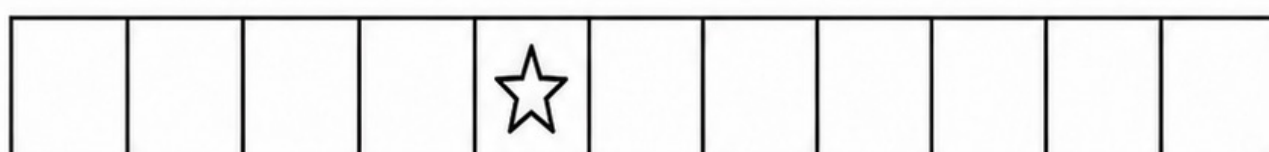
23



58



85



114

Name: _____

Number Line Detectives - Part 2

Draw a star inside the correct cell.

Star at 14

--	--	--	--	--	--	--	--	--	--	--

10

20

Star at 47

--	--	--	--	--	--	--	--	--	--	--

40

50

Star at 76

--	--	--	--	--	--	--	--	--	--	--

70

80

Star at 95

--	--	--	--	--	--	--	--	--	--	--

90

100

Star at 117

--	--	--	--	--	--	--	--	--	--	--

110

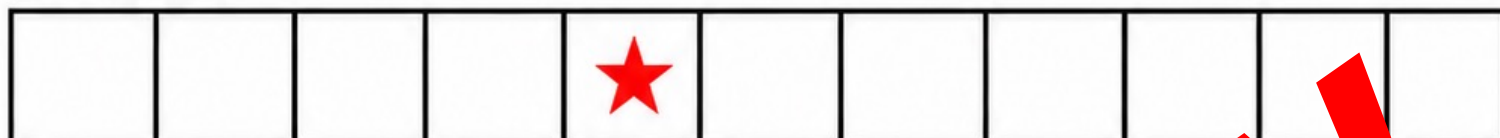
120

Name: ANSWERS

Number Line Detectives - Part 2

Draw a star inside the correct cell.

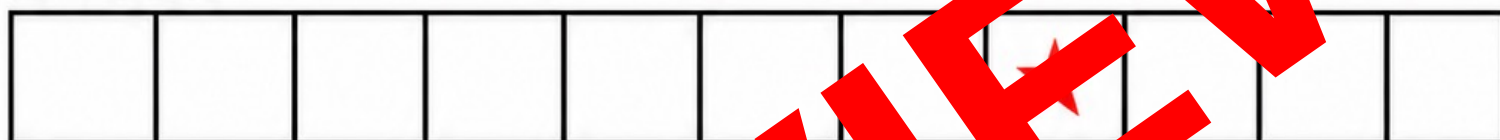
Star at 14



10

20

Star at 47



40

50

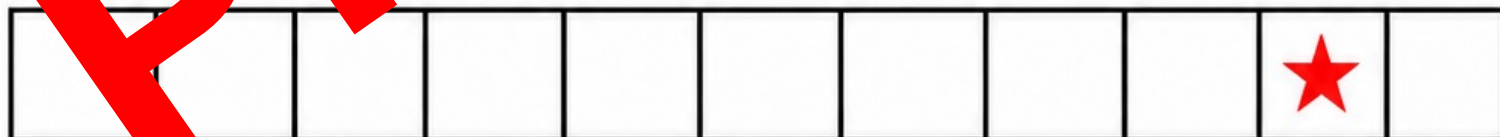
Star at 76



70

80

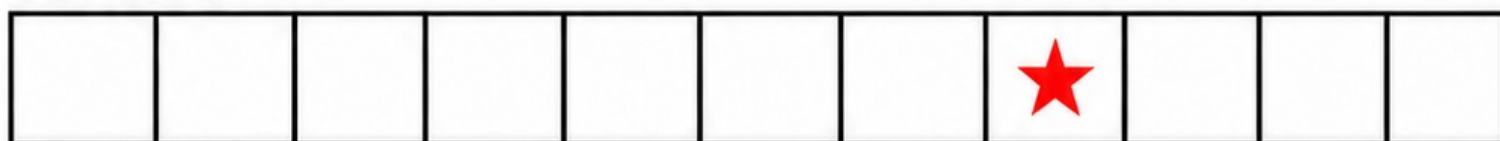
Star at 94



90

100

Star at 117



110

120

Name: _____

Number Patterns to 120 - Part 1

Fill in the missing numbers.

1.

37	38		40	
----	----	--	----	--

 →

2.

	69	70		72
--	----	----	--	----

 →

3.

98	99		101	
----	----	--	-----	--

 →

4.

116		118		120
-----	--	-----	--	-----

 →

5.

84	83		81	
----	----	--	----	--

 ←

6.

	15	14		12
--	----	----	--	----

 ←

Name: ANSWERS

Number Patterns to 120 - Part 1

Fill in the missing numbers.

1.

37	38	39	40	41
----	----	----	----	----

 →

2.

68	69	70	71	72
----	----	----	----	----

 →

3.

98	99	100	101	102
----	----	-----	-----	-----

 →

4.

116	117	118	119	120
-----	-----	-----	-----	-----

 →

5.

84	83	82	81	80
----	----	----	----	----

 ←

6.

16	15	14	13	12
----	----	----	----	----

 ←

Name: _____

Number Patterns to 120 - Part 2

Complete each table.

TABLE A

1 less	Number	1 more
	28	
	59	
	100	
	117	

TABLE B

10 less	Number	10 more
	35	
	62	
	108	

Use number-chart patterns to help.

Name: ANSWERS

Number Patterns to 120 - Part 2

Complete each table.

TABLE A

1 less	Number	1 more
27	28	29
58	59	60
99	100	101
116	117	118

TABLE B

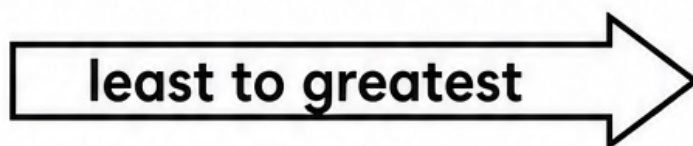
10 less	Number	10 more
25	35	45
52	62	72
98	108	118

Use number-chart patterns to help.

Name: _____

Order Numbers to 120 - Least to Greatest

Write each set from least to greatest.



1. 12, 21, 102, 112

--	--	--	--

2. 88, 18, 102, 112

--	--	--	--

3. 12, 20, 2, 102

--	--	--	--

4. 67, 76, 17, 107

--	--	--	--

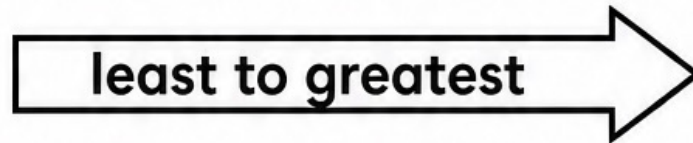
5. 99, 109, 90, 19

--	--	--	--

Name: ANSWERS

Order Numbers to 120 - Least to Greatest

Write each set from least to greatest.



1. 12, 21, 102, 112

12	21	102	112
----	----	-----	-----

2. 88, 18, 108, 81

18	81	88	108
----	----	----	-----

3. 120, 20, 2, 102

2	20	102	120
---	----	-----	-----

4. 67, 76, 17, 107

17	67	76	107
----	----	----	-----

5. 99, 109, 90, 19

19	90	99	109
----	----	----	-----

Name: _____

Order Numbers to 120 – Greatest to Least

Write each set from greatest to least.

greatest to least



1. 35, 53, 103, 113

--	--	--	--

2. 9, 90, 109, 119

--	--	--	--

3. 78, 87, 118, 108

--	--	--	--

4. 44, 14, 104, 114

--	--	--	--

5. 61, 16, 116, 106

--	--	--	--

Name: ANSWERS

Order Numbers to 120 – Greatest to Least

Write each set from greatest to least.

greatest to least



1. 35, 53, 103, 113

113	103	53	35
-----	-----	----	----

2. 9, 90, 109, 19

109	90	19	9
-----	----	----	---

3. 78, 87, 118, 108

118	108	87	78
-----	-----	----	----

4. 44, 14, 104, 114

114	104	44	14
-----	-----	----	----

5. 61, 16, 116, 106

116	106	61	16
-----	-----	----	----

Name: _____

Number Path Challenge - Count Up

Start at the shaded number. Move up, down, left or right through numbers that increase by 1. Do not move diagonally. Shade each path.

A.

28	29	44	52
31	30	46	53
32	33	34	54
49	48	35	55

B.

56	57	72	80
59	58	74	81
60	61	62	82
75	76	63	83

C.

88	89	104	112
91	90	106	113
92	93	94	114
107	108	95	115

Name: ANSWERS

Number Path Challenge - Count Up

Start at the shaded number. Move up, down, left or right through numbers that increase by 1. Do not move diagonally. Shade each path.

A.

28	29	44	52
31	30	46	53
32	33	34	54
49	48	35	55

B.

56	57	72	80
59	58	74	81
60	61	62	82
75	76	63	83

C.

88	89	104	112
91	90	106	113
92	93	94	114
107	108	95	115

Number Path Challenge - Count Down

Start at the shaded number. Move up, down, left or right through numbers that decrease by 1. Do not move diagonally. Shade each path.

A.

47	46	31	23
44	45	29	22
43	42	41	21
26	25	20	20

B.

79	78	93	101
76	77	95	102
75	74	73	103
90	89	72	104

C.

119	118	103	95
116	117	101	94
115	114	113	93
100	99	112	92

Number Path Challenge - Count Down

Start at the shaded number. Move up, down, left or right through numbers that decrease by 1. Do not move diagonally. Shade each path.

A.

47	46	31	23
44	45	29	22
43	42	41	21
26	25	20	20

B.

79	78	93	101
76	77	95	102
75	74	73	103
90	89	72	104

C.

119	118	103	95
116	117	101	94
115	114	113	93
100	99	112	92

Numbers to 120 Check-In - Part 1

Name: _____

1. Match each numeral to its number name.

Write the matching letter in each box.

84

107

19

A. one hundred and seven

B. nineteen

C. eighty-four

2. Write the numeral.

sixty-two = _____

one hundred and fifteen = _____

3. Show 103

H	T	O

Expanded form: _____

4. Complete the sequence.

97,

99,

101

Numbers to 120 Check-In - Part 1

Name: ANSWERS

1. Match each numeral to its number name.

Write the matching letter in each box.

84 C

107 A

19 B

A. one hundred and seven

B. nineteen

C. eighty-four

2. Write the numeral.

sixty-two = 62

one hundred and fifteen = 115

3. Show 103

H	T	O
1	0	3

Expanded form: 100 + 3

4. Complete the sequence.

97, 98 99, 100 101

Numbers to 120 Check-In - Part 2

Name: _____

5. What number is shown?

						☆				
--	--	--	--	--	--	---	--	--	--	--

110

120

The number is _____.

6. Order least to greatest.

18, 81, 108, 18

--	--	--	--

7. Order greatest to least

120, 102, 20, 12

--	--	--	--

8. How do you know 109 is greater than 91?

Draw or write your thinking.

--

Numbers to 120 Check-In - Part 2

Name: ANSWERS

5. What number is shown?



110

120

The number is 116.

6. Order least to greatest.

18, 81, 108, 118

18	81	108	118
----	----	-----	-----

7. Order greatest to least

120, 102, 20, 12

120	102	20	12
-----	-----	----	----

8. How do you know 109 is greater than 91?

Draw or write your thinking.

109 has 1 hundred.

91 has 0 hundreds, so 109 is greater.

Recognizing and Order Numbers to 120 Rubric

Student: _____

Date: _____

Criteria	BEGINNING	DEVELOPING	ACHIEVING	CONFIDENT	EXCEEDING
Reads and writes numerals and number names to 120	Reads or writes some numbers with substantial support.	Reads or writes some familiar numbers with prompts.	Reads and writes numbers to 120 accurately.	Reads and writes unfamiliar numbers and checks accuracy.	Explains number-name patterns and applies them flexibly.
Represents numbers using hundreds, tens and ones and number lines	Makes simple representations with substantial support.	Represents two-digit numbers; the hundred is emerging.	Represents numbers to 120 with place value and number lines.	Selects and explains accurate representations.	Connects representations and justifies equivalence.
Continues sequences and identifies missing numbers to 120	Continues short sequences with substantial support.	Continues by 1 with occasional errors.	Completes sequences for 10 or less in one or less directions.	Explains patterns and corrects errors independently.	Creates and justifies sequences flexibly.
Orders numbers least to greatest and greatest to least	Compares or orders two numbers with substantial support.	Orders familiar sets with prompts.	Orders numbers to 120 in both directions accurately.	Justifies order using hundreds, tens and ones.	Orders close or mixed numbers and explains reasoning.

Recognise and Order Numbers to 120



Learning Goal

We are learning to recognise, represent and order numbers from 0 to 120.



Count and Notice

Count forward from 94 to 104.

Count backwards from 112 to 102.

What patterns do you notice?



Read the Numbers

Read these numbers aloud:

47 86 10 120

Some have tens and ones you can see.



Write Number Names

Write each number in words:

58 91 6

Number: one hundred and six.



Build Tens and Ones

64 is 6 tens and 4 ones.
Build it with materials or draw it.
How do you know it is 64?



Hundreds, Tens and Ones

103 is 1 hundred, 0 tens and 3 ones.

The zero shows there are no tens.

What are the parts of 117?



Expanded Form

108 = 100 + 8

106 = 100 + 6

Write the number in expanded form.



Show It Many Ways

Show 25

a numeral • a number name
tens and ones • a drawing



Explore the 120 Chart

Move right: add 1.

Move left: subtract 1.

Move down: add 10.

Move up: subtract 10.



Find the Missing Number

86, __, 89, 90

104, __, 106

120, 119, __

Obtain the pattern each time.



Use a Number Line

Find 73 between 70 and 80.

Find 95 between 90 and 100.

Which number is closer to 100?



Compare Two Numbers

Compare the hundreds first, then tens, then ones.

109 is greater than 98.

81 is less than 89.



Order Three Numbers

Order from smallest to greatest:

76, 67, 1

Check hundreds, then tens, then ones.



Order This Set

Order from smallest to greatest:

116, 89, 108

Answer: 89, 108, 116



Challenge

Order from smallest to greatest:

02, 12, 11, 11

Explain how to explain your thinking.



Challenge Answer

12, 21, 02, 12

Two-digit numbers come before three-digit numbers.
We compare tens and ones.



Exit Check

What comes before 120?
Which is greater: 105 or 108?
Order 105, 15 and 115.





Recognise and Order Numbers to 120 Quiz



Question 1

Which number name matches 86?

- A. six-eight
- B. eighty-six
- C. eighty-nine
- D. ninety-six



Answer !

B. eight

86 is 8 tens and 6 ones.



Question

True or False?
1 is read as one hundred and twelve.



Answer 2

The number 112 is 1 hundred, 1 ten and 2 ones.



Question 2

Which number is one hundred and five?

- A. 5
- B. 51
- C. 105
- D. 150



Answer 3

C. 1

the zero shows there are no tens.



Question 11

What number has 1 hundred, 0 tens and 9 ones?

- A. 9
- B. 90
- C. 109
- D. 190



Answer is

C. 1

$$100 + 9 = 109.$$



Question 5

True or False?
117 is 11 tens and 7 ones.



Answer 5

The number 117 can be grouped as 11 tens and 7 ones.



Question

Write the missing number:

97, 98, __, 100, 101



Answer c

pattern increases by 1 each time.



Question 1

Which number creates

B. 100

C. 118

D. 81



Answer 7

C. 1

Compare the hundreds, then tens, then ones.



Question

True or False?
1, 11, 10, 112 are in ascending order.



Answer 8

The numbers are ordered from smallest to greatest.



Question

Order from smallest to greatest:

105, 15, 115, 51



Answer a

15, 51, 105, 15



Question 10

Which list is ordered greatest to least?

A. 120, 101, 112, 89

B. 89, 101, 112, 120

C. 120, 101, 112, 89

D. 120, 101, 112, 89



Answer 10

A. 120, 110, 100, 89

Each number is smaller than the one before it.





Well Done!

FREE

