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Place Value to 100,000 - Year 4

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PLACE VALUE

TO 100,000



Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
0	8	4	3	0	5



Standard form: **84,305**



Word form:
eighty-four thousand, three hundred and five.



Expanded form:
 $80,000 + 4,000 + 300 + 5$



A digit's value depends on its place.

Build-a-Number Challenge



HOW TO PLAY

1. Choose a challenge card.
2. Build the number with digit cards or counters.
3. Read it aloud, then record it in standard and expanded form.

 Hundred Thousands	 Ten Thousands	 Thousands	 Hundreds	 Tens	 Ones

WARM-UP CHALLENGES



Build 46,208.

.....



Make the greatest
5-digit number with
7, 0, 4, 9 and 2.

.....



Show 63,015 in
expanded form.

.....

Build-a-Number Challenge Cards

1

Build 24,631.

2

Build 70,405.

3

Build 98,072.

4

Build 100,000.

5

4 ten thousands,
6 thousands,
2 hundreds,
3 tens, 1 one.

6

8 ten thousands,
5 hundreds,
9 ones.

7

Greatest number
using 3, 7, 9, 4 once each.

8

Smallest 5-digit
number using
8, 0, 5, 2, 6
once each.

9

A number
10,000 more
than 35,214.

10

A number
1,000 less
than 62,900.

11

Its ten-thousands
digit is 5,
its hundreds
digit is 7,
and all other
digits are 0.

12

It is between
81,000 and 82,000;
its last three
digits are 406.



HOW TO

First to FINISH wins.

YOU NEED

Value Path cards.

Place Value Path Cards

1

What is the value of 6 in 46,218?

2

Which digit is in the thousands place in 73,405?

3

Write 58,091 in expanded form.

4

Write 90,704 in words.

5

Which is greater: 67,809 or 67,890?

6

Order from least to greatest: 41,509; 41,950; 40,915.

7

Build the number: 8 ten thousands, 3 thousands, 6 tens, 2 ones.

8

What number is 10,000 more than 25,600?

9

What number is 1,000 less than 80,300?

10

True or false: the 4 in 54,210 is worth 4,000.

11

What is the value of the 7 in 70,052?

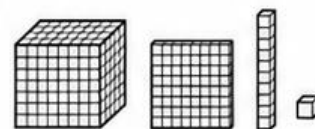
12

Write 100,000 in expanded form.



Place Value Houses

Page 1



Name: _____ Date: _____

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones

A. Find the digit or value

- Which digit is in the ten thousands place in 72,468? _____
- What is the value of the 6 in 46,215? _____
- Which digit is in the hundreds place in 83,507? _____
- What is the value of the 9 in 19,204? _____
- Which place does the 4 occupy in 54,000? _____
- What is the value of the 6 in 652? _____

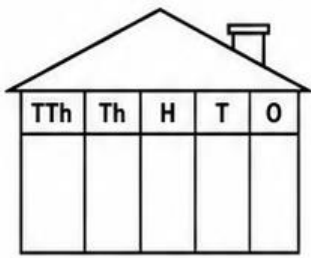
B. Fill the house

1. 24,631

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones

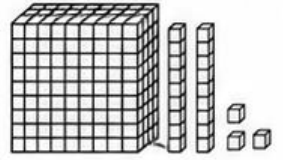
2. 70,405

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones



Place Value Houses

Page 2



Name: _____

Date: _____

A. Build the number

1. 6 ten thousands + 3 thousands + 8 hundreds + 4 tens + 2 ones.

2. 9 ten thousands + 5 hundreds + 7 ones.

3. 1 hundred thousand.

B. Complete the clues

4. $84,207 = 80,000 + \underline{\hspace{1cm}} + 200 + \underline{\hspace{1cm}}$.

5. $50,063 = \underline{\hspace{1cm}}$ ten thousands + $\underline{\hspace{1cm}}$ tens + $\underline{\hspace{1cm}}$ ones.

6. The digit 7 has a value of 7,000 in the number $\underline{\hspace{1cm}}$.

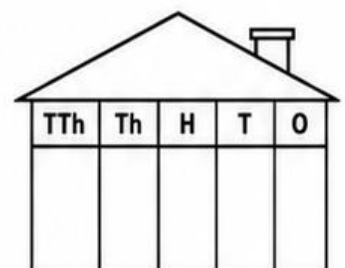
C. Regroup without changing the number

7. Show 36,000 as thousands.

8. Show 4,500 as hundreds.

9. Write a different partition for 62,340.

10. Explain why 40,506 needs the zero digits.

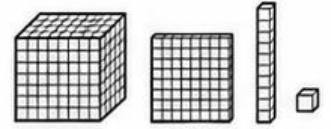




Place Value Houses

Page 1

ANSWERS



Name: _____ Date: _____

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones

A. Find the digit or value

- Which digit is in the ten thousands place in 72,468? 7
- What is the value of the 6 in 46,215? 6,000
- Which digit is in the hundreds place in 83,507? 5
- What is the value of the 9 in 19,204? 9,000
- Which place does the 4 occupy in 54,000? thousands
- What is the value of the 8 in 80,000? 80,000

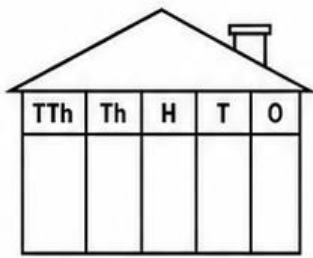
B. Fill the house

1. 24,631

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
0	2	4	6	3	1

2. 70,405

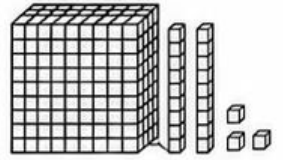
Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
0	7	0	4	0	5



Place Value Houses

Page 2

ANSWERS



Name: _____

Date: _____

A. Build the number

1. 6 ten thousands + 3 thousands + 8 hundreds + 4 tens + 2 ones.

63,842

2. 9 ten thousands + 5 hundreds + 7 ones.

90,507

3. 1 hundred thousand.

100,000

B. Complete the clues

4. $84,207 = 80,000 + \underline{4,000} + 200 + \underline{7}$.

5. $50,063 = \underline{5}$ ten thousands + $\underline{0}$ tens + $\underline{3}$ ones.

6. The digit 7 has a value of 7,000 in the number **47,000**.

C. Regroup without changing the number

7. Show 36,000 as thousands.

36 thousands.

8. Show 4,500 as hundreds.

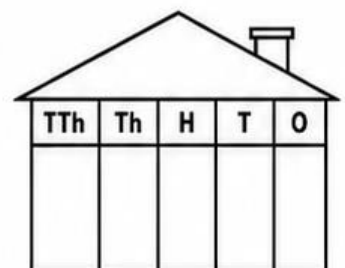
45 hundreds.

9. Write a different partition for 62,340.

Example: $60,000 + 2,000 + 300 + 40$.

10. Explain why 40,506 needs the zero digits.

The zeros hold the thousands and tens places so the other digits keep their correct values.

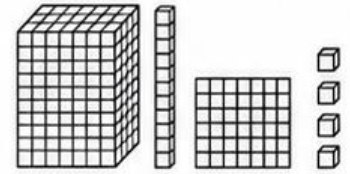
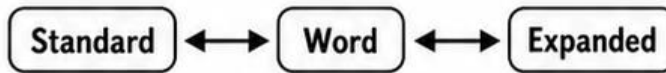


Three Ways to Show a Number

Name: _____

Date: _____

TTh	Th	H	T	O
●	●	●	●	●



A. Write in word form:

- 43,218. _____

- 80,902. _____

B. Write in expanded form:

- 70,506. _____

- 100,000. _____

C. Write in standard form:

- ninety-two thousand four hundred and thirty. _____

- $60,000 + 3,000 + 100 + 7$. _____

D. Show both requested forms:

- Show 18,904 in word form and expanded form.
Word form: _____
Expanded form: _____
- Show "fifty thousand and nineteen" in standard form and expanded form.
Standard form: _____
Expanded form: _____

Three Ways to Show a Number

ANSWERS

Name: _____

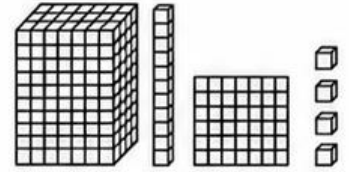
Date: _____

TTh	Th	H	T	O
●	●	●	●	●

Standard

Word

Expanded



A. Write in word form:

1. 43,218. forty-three thousand, two hundred and eighteen.

2. 80,902. eighty thousand, nine hundred and two.

B. Write in expanded form:

3. 70,506. 70,000 + 500 + 6.

4. 100,000. 100,000.

C. Write in standard form:

5. ninety-two thousand four hundred and thirty. 92,430.

6. $60,000 + 3,000 + 80 + 7$. 63,087.

D. Show both requested forms:

7. Show 18,904 in word form and expanded form.

Word form: eighteen thousand, nine hundred and four.

Expanded form: 10,000 + 8,000 + 900 + 4.

8. Show "fifty thousand and nineteen" in standard form and expanded form.

Standard form: 50,019.

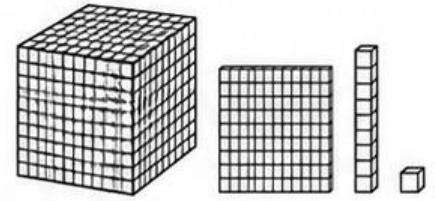
Expanded form: 50,000 + 10 + 9.

Zeros Hold the Place

Ten Thousands	Thousands	Hundreds	Tens	Ones
10,000	1,000	100	10	1

Name: _____

Date: _____



A zero keeps every other digit in the correct place.

A Read carefully

1. Write 40,507 in words.

2. Write 80,060 in expanded form. _____

3. What is the value of the 5 in 50,402? _____

4. Which digit is in the hundreds place in 72,009? _____

B Place the zeros

5. Write the number with 6 ten thousands, 2 hundreds and 3 ones.

6. Write the number with 4 ten thousands and 8 tens.

7. Complete: $30,205 = 30,000 + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$.

C Explain

8. What would happen if the zero digits were removed from 40,507?

9. Explain the job of the three zeros in 90,004.

10. Create a five-digit number with exactly two zero digits and write it in expanded form.

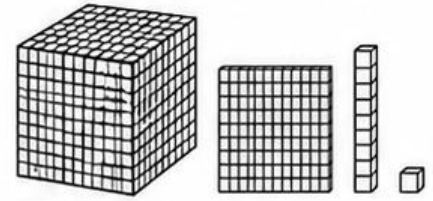
Ten Thousands	Thousands	Hundreds	Tens	Ones
10,000	1,000	100	10	1

Zeros Hold the Place

ANSWERS

Name: _____

Date: _____



A zero keeps every other digit in the correct place.

A Read carefully

1. Write 40,507 in words.

forty thousand, five hundred and seven.

2. Write 80,060 in expanded form. 80,000 + 60.

3. What is the value of the 5 in 50,402? 50,000.

4. Which digit is in the hundreds place in 72,009? 0

B Place the zeros

5. Write the number with 6 ten thousands, 4 hundreds and 3 ones.

60,403.

6. Write the number with 9 ten thousands and 8 tens.

90,080.

7. Complete: $30,205 = 30,000 + \underline{200} + \underline{5}$.

C Explain

8. What would happen if the zero digits were removed from 40,507?

Removing the zero digits makes 457 and changes every digit's place and value.

9. Explain the job of the three zeros in 90,004.

The zeros hold the thousands, hundreds and tens places so 9 remains worth 90,000 and 4 remains ones.

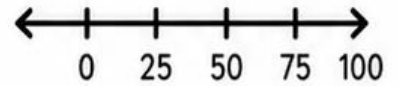
10. Create a five-digit number with exactly two zero digits and write it in expanded form.

Example: $40,507 = 40,000 + 500 + 7$.



Compare and Order

Page 1



Name: _____

Date: _____

Write $<$, $>$ or $=$ in each box.

1. 46,215 46,251 7. 62,340 61,999
2. 70,405 70,045 8. 25,800 25,080
3. 99,999 100,000 9. 47,010 47,100
4. 38,702 38,702 10. 90,009 89,999
5. 54,091 54,901 11. 73,450 73,405
6. 80,060 80,600 12. 10,500 15,000



Compare from the greatest place first.



Compare and Order

Page 2

Name: _____

Date: _____



A. Order from least to greatest

1. 41,509; 41,950; 40,915. _____

2. 70,070; 70,700; 70,007. _____

3. 99,999; 90,999; 100,000. _____

4. 26,315; 26,135; 26,351; 26,153. _____

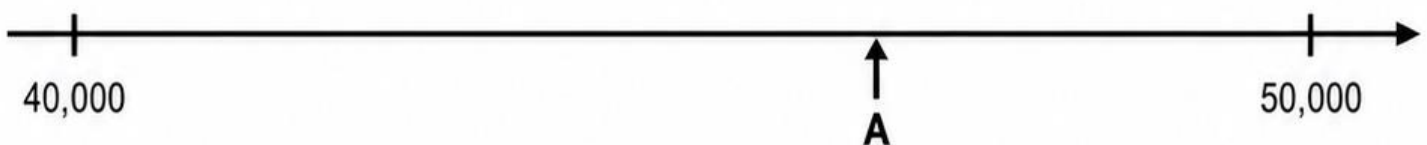


B. Explain

5. Sam says 58,901 is less than 58,109 because 9 is less than 1. Explain the error.

6. Write a number between 62,510 and 63,510 and explain how you know.

C. Estimate on the number line

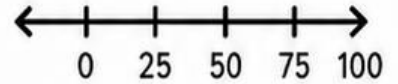


About what number is A? _____



Compare and Order

Page 1 **ANSWERS**



Name: _____

Date: _____

Write $<$, $>$ or $=$ in each box.

1. 46,215 $<$ 46,251

7. 62,340 $>$ 61,999

2. 70,405 $>$ 70,045

8. 25,800 $>$ 25,080

3. 99,999 $<$ 100,000

9. 47,010 $<$ 47,100

4. 38,702 $=$ 38,702

10. 90,009 $>$ 89,999

5. 54,091 $<$ 54,901

11. 73,450 $>$ 73,405

6. 80,060 $<$ 80,600

12. 10,500 $<$ 15,000



Compare from the greatest place first.



Compare and Order

Page 2 **ANSWERS**

Name: _____

Date: _____



A. Order from least to greatest

1. 41,509; 41,950; 40,915. 40,915; 41,509; 41,950.
2. 70,070; 70,700; 70,007. 70,007; 70,070; 70,700.
3. 99,999; 90,999; 100,000. 90,999; 99,999; 100,000.
4. 26,315; 26,135; 26,351; 26,153. 26,135; 26,153; 26,315; 26,351.



B. Explain

5. Sam says 58,901 is less than 58,109 because 9 is less than 9. Explain the error.

Compare the hundreds: 9 hundreds is greater than 1 hundred, so $58,901 > 58,109$.

6. Write a number between 5,400 and 63,510 and explain how you know.

Example: 0 < 500: lies between both endpoints.



C. Estimate on the number line



About what number is A? **About 46,000**



Place-Value Detectives



Name: _____

Date: _____

1.

1. Mia writes $63,204 = 60,000 + 3,000 + 20 + 4$.
Is she correct? Explain.



2.

2. Noah says the 5 in 45,810 is worth 5,000.
Is he correct? Explain.



3.

3. Correct this word form:
70,406 = seventy thousand, four hundred and sixty.



4.

4. A number has 8 in the thousands place,
2 in the hundreds place and 9 in the ones place;
all other digits are zero.
What is the number?



5.

5. Find a number that is greater than 51,000
but less than 52,350.



6.

6. Which is closer to 80,000:
79,650 or 80,420? Explain.



7.

7. Write two different partitions of 46,300.

(1) _____

(2) _____



8.

8. Create a five-digit mystery number
and give three clues that identify it uniquely.

Mystery number: _____

Clue 1: _____

Clue 2: _____

Clue 3: _____





Place-Value Detectives

ANSWERS



Name: _____

Date: _____

1.

1. Mia writes $63,204 = 60,000 + 3,000 + 20 + 4$.
Is she correct? Explain.

**No. The correct expansion is
 $60,000 + 3,000 + 200 + 4$.**



2.

2. Noah says the 5 in 45,810 is worth 5,000.
Is he correct? Explain.

**Yes. The 5 is in the thousands place,
so it is worth 5,000.**



3.

3. Correct this word form:
70,406 = seventy thousand, four hundred and sixty.

seventy thousand, four hundred and six.



4.

4. A number has 8 in the ten thousands place,
2 in the hundreds place and 9 in the ones place;
all other digits are zero.
What is the number?

80,209.



5.

5. Find a number that is greater than 52,340
but less than 52,350.

Example: 52,345.



6.

6. Which is closer to 80,000:
79,650 or 80,420? Explain.

**79,650; it is 350 away, while
80,420 is 420 away.**



7.

7. Write two different partitions of 46,300.

(1) **$40,000 + 6,000 + 300$**

(2) **$46,000 + 300$**



8.

8. Create a five-digit mystery number
and give three clues that identify it uniquely.

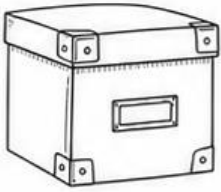
Mystery number: **Example mystery number 58,204**

Clue 1: **between 58,200 and 58,210**

Clue 2: **ones digit 4**

Clue 3: **tens digit 0**





The Museum Number Archive

Assessment — Page 1



Student: _____

Date: _____

Page score: ____ / 12

1.

State the place and value of the 7 in 47,215.

/2

2.

Write 83,406 in words.

/2

3.

Write $90,000 + 5,000 + 70 + 2$ in standard form.

/2

4.

Write “sixty thousand, three hundred and nine” in expanded form.

/2

5.

Explain the value of the two zeros in 50,804.

/2

6.

Complete the archive card:

MUSEUM ARCHIVE CARD

Number 72,091

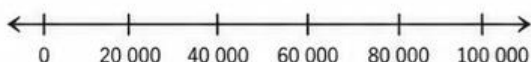
Ten-thousands digit ____

Hundreds digit ____

Value of the 9 ____

Word form _____

/2





The Museum Number Archive

Assessment — Page 2



Student: _____ Date: _____

Page score: ____ / 12

7. Write $<$ or $>$ between 68,905 and 68,950, then explain your choice. /2

68,905 68,950

Explain your choice: _____

8. Order from least to greatest: 40,506; 45,060; 40,650 /2

_____, _____, _____

9. On a clear horizontal number line from 30,000 to 40,000, place and label 37,000. /2



10. Build the number written in the words, 8 thousands, 3 hundreds, 0 tens and 6 ones; then write it in expanded form. /2

Number: _____

Expanded form: _____

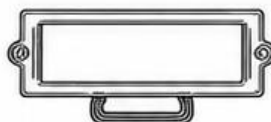
11. Correct the error: $72,304 = 70,000 + 2,000 + 30 + 4$. /2

12. A museum object number is greater than 91,250 but less than 91,260. Choose a possible number and show it in two different forms. /2

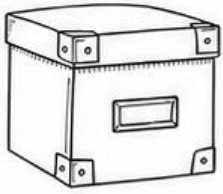
Chosen number: _____

Form 1: _____

Form 2: _____



Assessment total: ____ / 24



The Museum Number Archive

Assessment — Page 1 **ANSWERS**



Student: _____

Date: _____

Page score: **12** / 12

1.

State the place and value of the 7 in 47,215.

thousands.

7,000.

/2

2.

Write 83,406 in words.

eighty-three thousand, four hundred and six.

/2

3.

Write $90,000 + 5,000 + 70 + 2$ in standard form.

95,072.

/2

4.

Write “sixty thousand, three hundred and nine” in expanded form.

60,000 + 300 + 9

/2

5.

Explain the value of the two zeros in 50,804.

**The zeros hold the thousands and tens places,
keeping the other digit values correct.**

/2

6.

Complete the archive card:

MUSEUM ARCHIVE CARD

Number 72,091

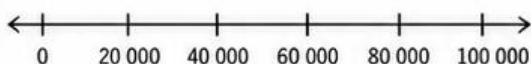
Ten-thousands digit **7**

Hundreds digit **0**

Value of the 9 **90**

Word form **seventy-two thousand and ninety-one.**

/2





The Museum Number Archive

Assessment — Page 2

ANSWERS



Student: _____ Date: _____

Page score: **12** / 12

7. Write $<$ or $>$ between 68,905 and 68,950, then explain your choice. /2

68,905 $<$ 68,950

Explain your choice: **68,905 is smaller because 0 tens is less than 5 tens.**

8. Order from least to greatest: 40,506; 45,060; 40,650 /2

40,506, **40,650**, **45,060**

9. On a clear horizontal number line from 30,000 to 40,000, place and label 37,000. /2



10. Build the number with 5 tens thousands, 8 thousands, 3 hundreds, 0 tens and 6 ones; then write it in expanded form. /2

Number: **58,306**

Expanded form: **50,000 + 8,000 + 300 + 6**

11. Correct the error: $72,304 = 70,000 + 2,000 + 30 + 4$. /2

$72,304 = 70,000 + 2,000 + 300 + 4$

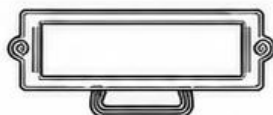
12. A museum object number is greater than 91,250 but less than 91,260. Choose a possible number and show it in two different forms. /2

Chosen number: **91,255**

Form 1: **ninety-one thousand, two hundred and fifty-five.**

Form 2: **$90,000 + 1,000 + 200 + 50 + 5$**

Assessment total: **24** / 24



TTh	Th	H	T	O
1	2	3	4	5

Place Value to 100,000 Rubric

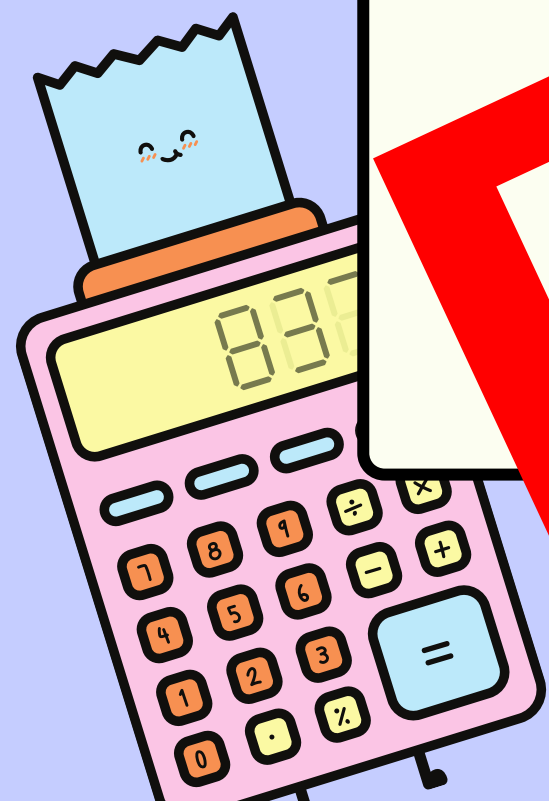
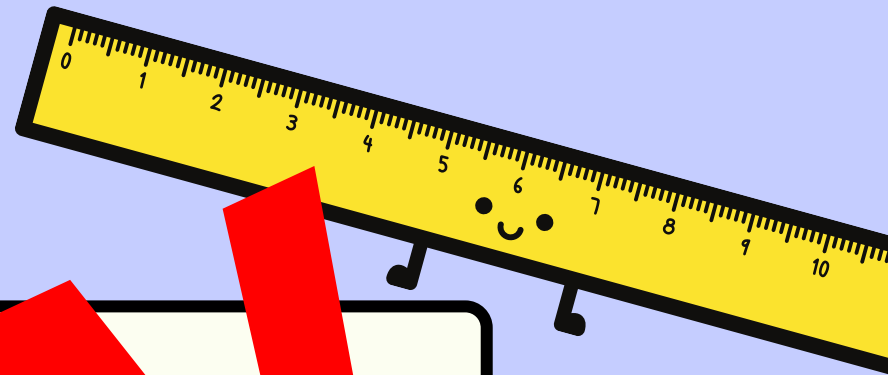
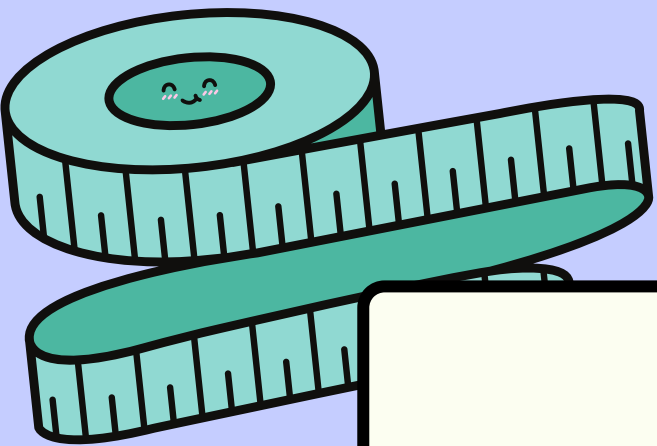
TTh	Th	H	T	O
10,000	1,000	100	10	1

Student: _____

Date: _____

Criteria	BEGINNING	DEVELOPING	ACHIEVING	CONFIDENT	EXCEEDING
Place and digit value	Needs help to identify places and the value of digits.	Understands some places and digit value with support.	Identifies all places and most digit values accurately.	Identifies all places and digit values accurately and consistently.	Applies place and digit value flexibly in unfamiliar situations.
Standard, word and expanded forms	Needs help to write or read numbers in different forms.	Writes or reads numbers in some forms with support.	Writes and reads numbers in all three forms with minor errors.	Writes and reads numbers in all three forms accurately and consistently.	Uses all three forms flexibly and chooses the most useful one.
Zeros as placeholders	Needs help to use zeros to show missing places.	Uses zeros as placeholders with support.	Uses zeros as placeholders accurately.	Uses zeros as placeholders accurately and consistently.	Explains and applies the role of zeros confidently in any context.
Compare, order and number line	Needs help to compare, order or place on a number line.	Compares or orders numbers with support or on simple number lines.	Compares and orders numbers confidently and places them on a number line.	Compares and orders numbers accurately and uses number line confidently.	Solves multi-step problems using comparison, ordering and number lines flexibly.
Reasoning and explanation	Needs help to explain thinking or choices.	Gives simple explanations with support.	Explains thinking clearly using correct ideas.	Explains thinking clearly and uses examples to support answers.	Explains thinking thoroughly and draws connections in new situations.

Overall judgement: _____



PREVIEW

Place Value to
100,000



Learning goal

We are learning to read, represent and reason about whole numbers to

1000

Success looks like:

- I can explain the value of any digit.
- I can use standard, word and expanded forms.
- I can compare, order and locate numbers.



Place, digit and value

A digit is a symbol from 0 to 9.
Its place is its position in the number.
Its value is the digit's worth in that place.

In 7,200 the digit 7 is in the thousands place, so its value is 7,000.



The place-value chart

Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones

Each move one place to the left makes a value 10 times greater.

Each move one place to the right makes a value 10 times smaller.



Reading a large number

Read 84,305 in words.

eighty-four thousand, three hundred and five

A comma separates the thousands period from the ones period.



Zero is a place holder

Zero keeps every other digit in the correct place

70,405 means:

7 thousands + 4 hundreds + 0 tens + 5 ones

Without the zeros, the digit values would change.



Three useful forms

Standard form: 58,091

Word form: fifty-eight thousand and ninety-one

Expanded form: $50,000 + 8,000 + 90 + 1$

Each form represents the same number.



Partition by place

Partitioning breaks a number into place value parts.

63,842

$$= 60,000 + 3,000 + 800 + 40 + 2$$

The zero-value places may be omitted from an expanded form.



Regroup the same number

A number can be partitioned in more than one correct way.

$$6,300 + 40,000 + 1,000 + 300$$

$$46,300 = 46,000 + 300$$

$$46,300 = 463 \text{ hundreds}$$

Every partition has the same total.



Face value and place value

Face value is the digit itself.

Place value depends on the digit's position.

In 54,210:

• face value of 4 = 4

- place value of 4 = 4,000



Build a number from clue

Clues: 8 ten thousands, 3 thousands, 6 tens and 2 ones.

Place the digits carefully:

Ten thousands 8 | Thousands 3 | Hundreds 0 | Tens 6 | Ones 2

The number is 83,062.



Compare two numbers

Compare from the greatest place first.

67,890 and 67,809

The first three places match.

Tens: $9 > 0$

So $67,890 > 67,809$.



Order several numbers

Order: 41 509; 41 950; 40 915

1. Compare ten-thousands: all have 4.

2. Compare thousands: 0 comes before 1.

3. Compare hundreds: 5 comes before 9.

$$40,915 < 41,509 < 41,950$$



Locate on a number line

To estimate a position, identify the endpoints and the interval.

Between 40,000 and 50,000:

- halfway is 45,000
- 47,000 is 2,000 beyond halfway

Use the spacing to justify an estimate.



Ten-times relationships

Moving a digit one place left multiplies its value by 10.

Moving one place right divides its value by 10.

7 hundreds = 700

7 thousands = 7,000

7 ten thousands = 70,000



Guided practice I

What is the place and value of the 6 in 46,215?

Think...

• Name each place from right to left.

• Locate the digit 6.

- State the place and the value.



Guided practice 1 — answer

The 6 is in the thousands place.
Its value is 6,000.

Write the number in expanded form:
46,215 = 40,000 + 6,000 + 200 + 10 + 5.



Guided practice 2

Show 80,902 in two different forms.

1. Write it in words.

Write it in expanded form.

Remember that both zeros hold places.



Guided practice 2 — answer

Word form:

eighty thousand, nine hundred and two

Expanded form:

$$80,000 + 900 + 2$$



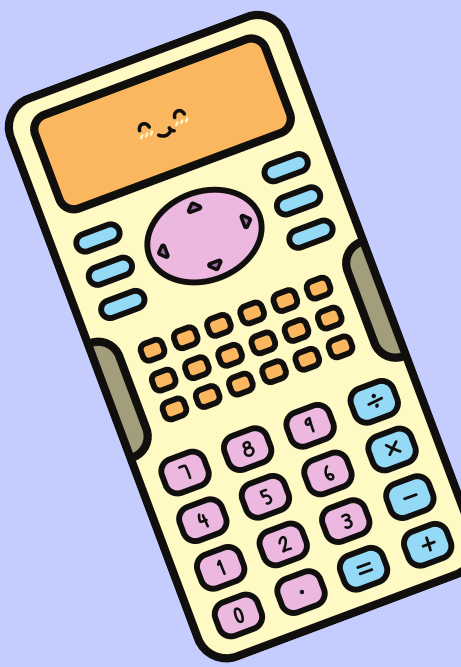
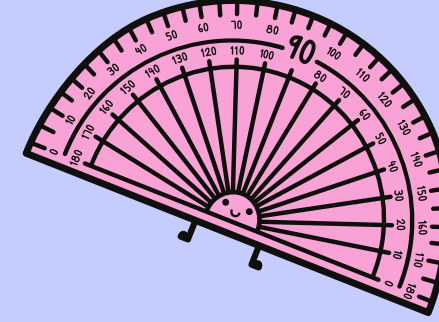
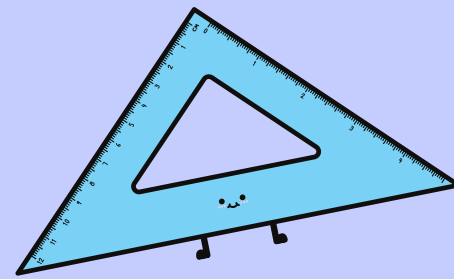
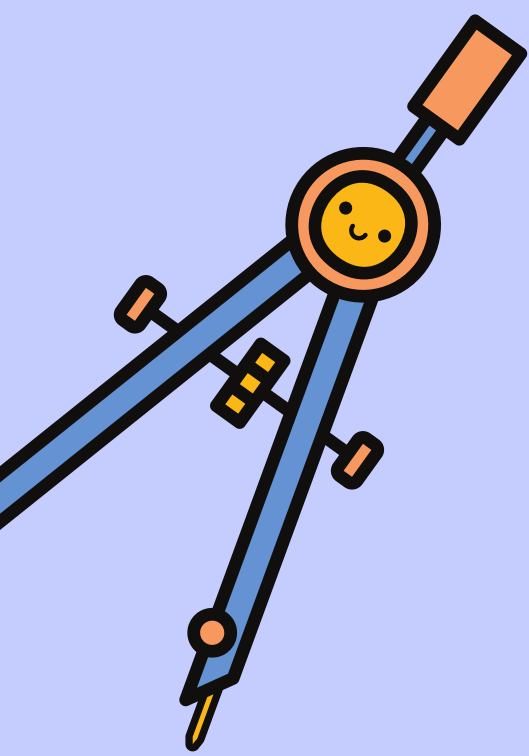
Error analysis and exit check

Error: $72,000 + 2,000 + 300 + 4$

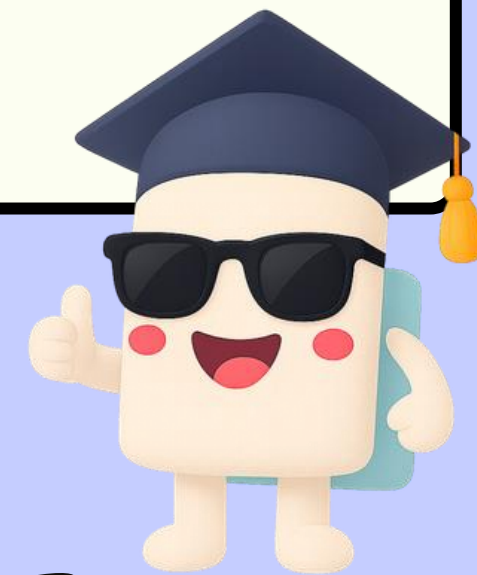
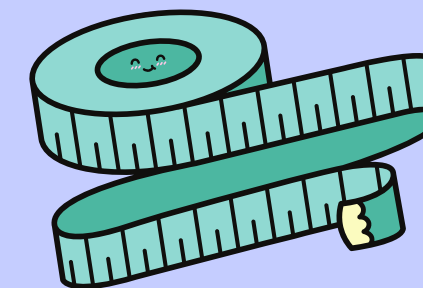
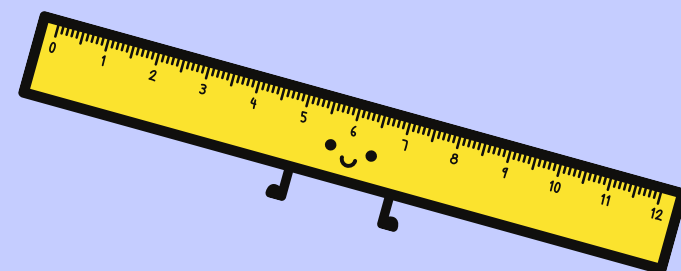
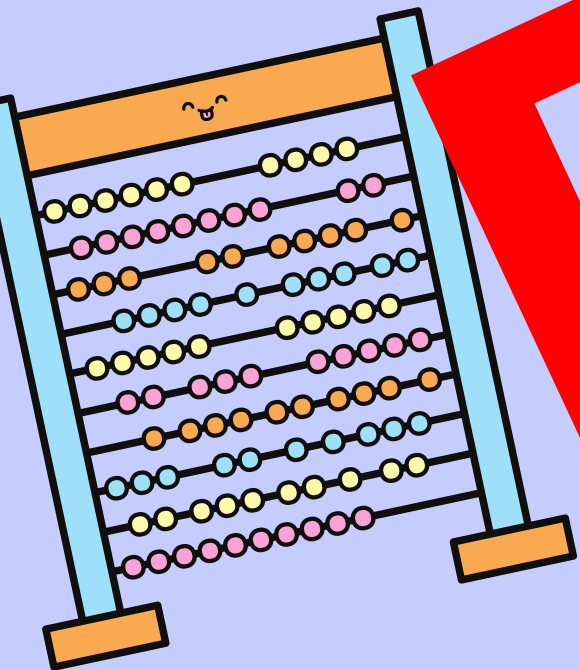
Correction: $70,000 + 2,000 + 300 + 4$

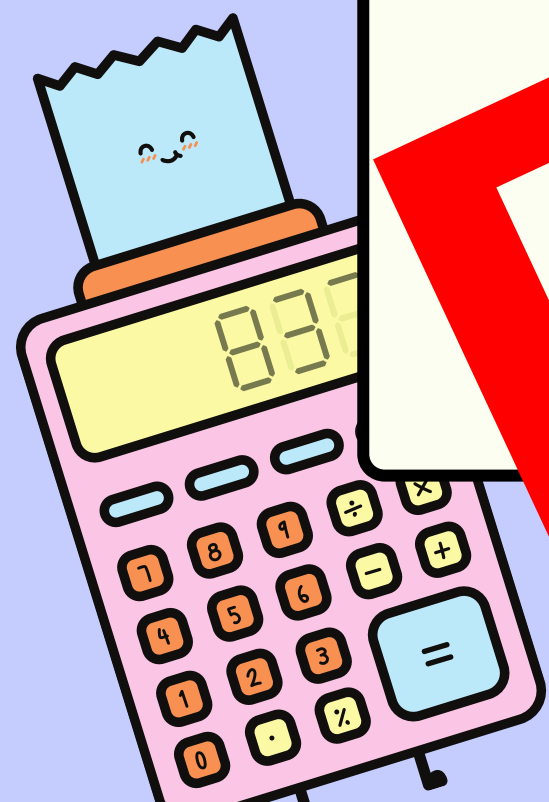
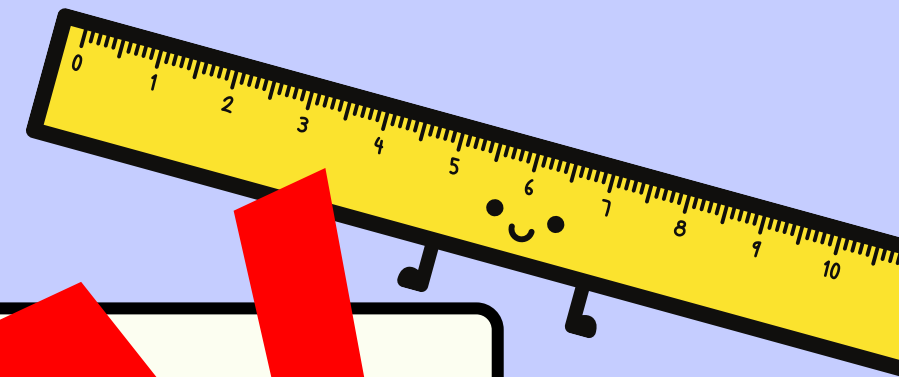
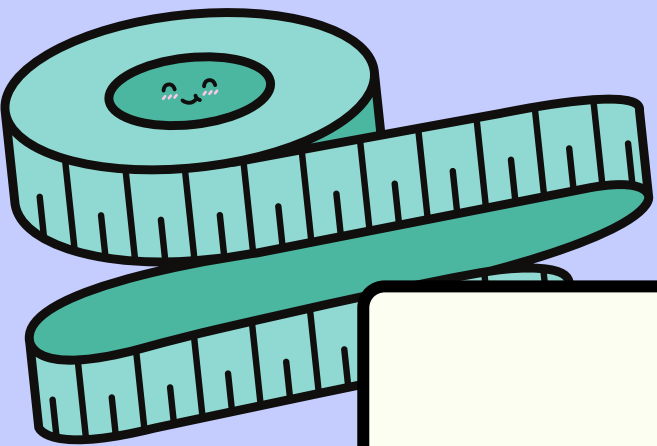
Exit check Explaining why the zero in the tens place matters.





Well Done!





PREVIEW

**Place Value to
100,000 Quiz**

A cartoon character of a notepad with a face, wearing a blue graduation cap and holding a yellow pencil, is positioned in the bottom-right corner of the central white box.

Question 1

PREVIEW

True or false?

In 47,200, the digit 7 has a value of 7,000.



Answer 1

PREVIEW

The
the 7 in the thousands place, so it is worth 7,000.



Question 2

Which is the expanded form of 58,91?

A. $50,000 + 8,000 + 90 + 1$

B. $50,000 + 800 + 90 + 1$

C. $5,000 + 8,000 + 90 + 1$

D. $50,000 + 8,000 + 900 + 1$



Answer 2

A. $50\,000 + 8\,000 + 90 + 1$

The zero in the hundreds place contributes no value.



Question 3

PREVIEW

... 83,406 words.



Answer 3

PREVIEW

hty- re thousand, r hundred and six



Question 4

Which number has 9 ten thousands and 8 tens?

- A. 90,000
- B. 90,080
- C. 90,800
- D. 98,000



Answer 4

B. 9008

The zero digit has the thousands, hundreds and ones places.



Question 5

PREVIEW

True or false?

509 is greater than 67,890.



Answer 5

The tens digit in the first different place and 9 tens is greater than 0 tens.
Therefore $67,890 > 67,809$.



Question 6

Build the number:

5 thousands, 3 hundreds, 0 tens and 6 ones.



Answer 6

58,006

Expanded form: $50,000 + 8,000 + 300 + 6$



Question 7

The value of a digit becomes how many times greater when it moves one place to the left?

- A. 2 times
- B. 5 times
- C. 10 times
- D. 100 times



Answer 7

PREVIEW

C. 10 m

For example, 7 hundreds is 700 and 7 thousands is 7,000.



Question 8

Order from least to greatest:

70,070; 70,700; 70,007



Answer 8

PREVIEW

7,007; 70,070; 700,700



Question 9

A point is about seven tenths of the way from 30,000 to 40,000.

Which estimate is best?

- A. 33,000
- B. 35,000
- C. 37,000
- D. 39,000



Answer 9

Seven tens in the 10,000 interval is 7,000; $30,000 + 7,000 = 37,000$.
C. 37,000



Question 10

PREVIEW

Correct answer:

$$72,034 = 70,000 + 2,000 + 30 + 4$$



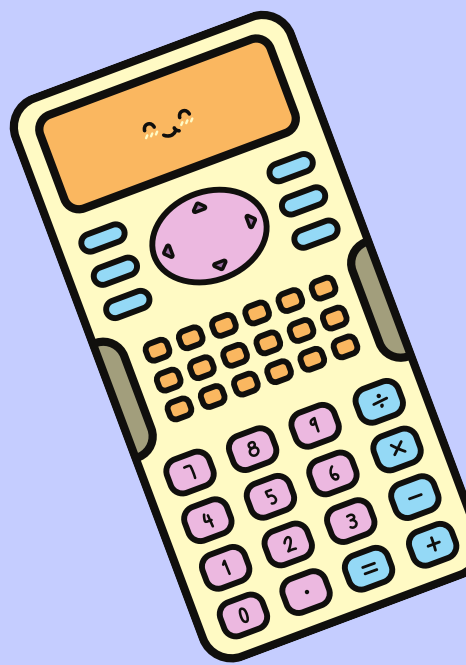
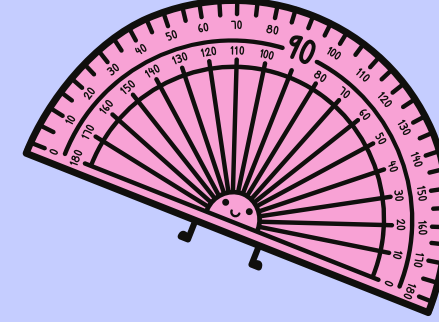
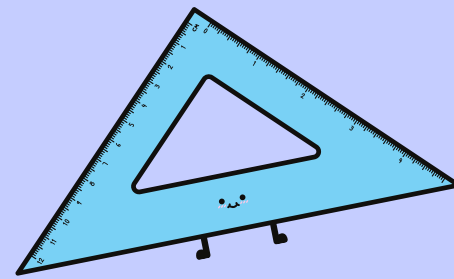
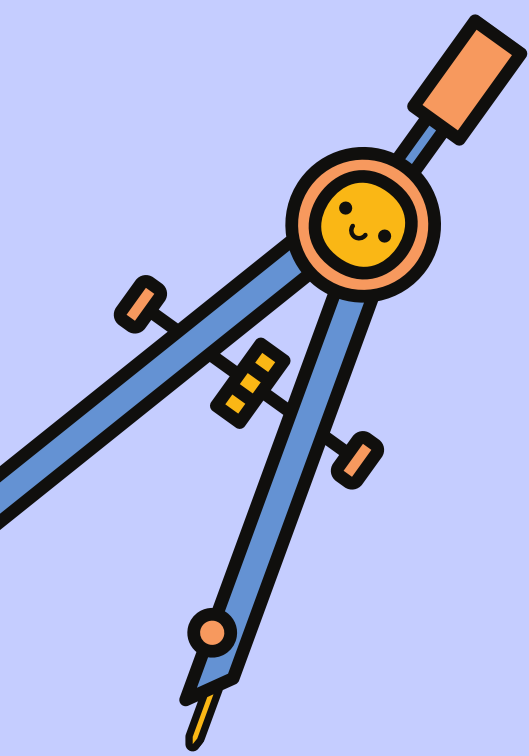
Answer 10

PREVIEW

$$304 = 70,000 + 2,000 + 300 + 4$$

The digit 3 is in the hundreds place, not the tens place.





Well Done!

