

Renaming Whole Numbers

Rename each number. Then write each number.

Example

Cover the places to the right. The digits left say how many.

Thousands	Hundreds	Tens	Ones
4	6		

$$4,600 = 46 \text{ hundreds}$$

Thousands	Hundreds	Tens	Ones
4	6	0	

$$4,600 = 460 \text{ tens}$$

Rename each number.

1. $7,300 =$ _____ hundreds $=$ _____ tens

2. $58,000 =$ _____ thousands $=$ _____ hundreds

3. $90,400 =$ _____ hundreds $=$ _____ tens

4. $260,000 =$ _____ ten thousands $=$ _____ thousands

5. $6,150 =$ _____ tens $=$ _____ hundreds _____ tens

6. $600,000 =$ _____ ten thousands $=$ _____ hundreds

Write each number.

Example

35 hundreds $=$ 3,500

1. 820 tens $=$ _____

2. 17 thousands $=$ _____

3. 64 ten thousands $=$ _____

4. 509 hundreds $=$ _____

5. 2,300 tens $=$ _____

6. 1,200 hundreds $=$ _____

7. 350 thousands $=$ _____

Renaming Whole Numbers

Ten times a number: each digit moves one place to the left.

Write the digits of ten times each number in the chart.

Example

Number	Thousands			Ones		
	Hundreds	Tens	Ones	Hundreds	Tens	Ones
380				3	8	0
10 × 380			3	8	0	0
2,090			2	0	9	0
10 × 2,090						
15,600		1	5	6	0	0
10 × 15,600						

Fill in the blanks.

Example $10 \times 640 = \underline{6,400}$

1. $10 \times \underline{\hspace{2cm}} = 52,000$

2. Ten times 3,008 is .

3. 93,000 is ten times .

4. $10 \times 25,070 = \underline{\hspace{2cm}}$

5. is ten times 705.

6. $700 \div 70 = \underline{\hspace{2cm}}$

7. $80,000 \div \underline{\hspace{2cm}} = 10$

How many times as much is the first digit worth?

Example In 55,000, the first 5 is worth 10 times the second 5.

1. In 3,330, the 3 in the hundreds is worth times the 3 in the tens.

2. In 90,900, the first 9 is worth times the other 9.

3. In 77,210, the first 7 is worth times the second 7.

Renaming Whole Numbers

Write each number. Find the missing number of units.

Write the number. Regroup when you need to.

Example 4 ten thousands 13 hundreds 6 ones = 41,306

1. 3 thousands 25 tens = _____

2. 6 ten thousands 2 thousands 15 tens 9 ones = _____

3. 12 hundreds 14 ones = _____

4. 2 hundred thousands 45 thousands 3 hundreds = _____

Write the missing number of units.

Example 6,425 = 64 hundreds 25 ones

1. 7,318 = 6 thousands _____ hundreds 18 ones

2. 52,300 = 4 ten thousands _____ thousands 3 hundreds

3. 30,500 = 2 ten thousands _____ hundreds

Compare. Write >, < or = in the circle.

Example

38 hundreds $\textcircled{<}$ 3,900

1.

450 tens $\textcircled{\phantom{<}}$ 4,500

2.

27 thousands $\textcircled{\phantom{<}}$ 269 hundreds

3.

61 hundreds $\textcircled{\phantom{<}}$ 6,090

Renaming Whole Numbers

Read and write numbers to 999,999,999.

Write each number in the chart, or write the number.

Example

Number	Millions			Thousands			Ones		
	Hundreds	Tens	Ones	Hundreds	Tens	Ones	Hundreds	Tens	Ones
503,268,040	5	0	3	2	6	8	0	4	0
72,106,395									
_____	8	6	0	4	0	7	0	1	2
_____			9	0	3	5	6	0	0

Write the number in words, or write the number.

Example 206,040,900 = two hundred six million, forty thousand, nine hundred

1. eighty-one million, three hundred fifty thousand, seven = _____

2. 417,000,058 = _____

Expanded form: write the number, or write it in expanded form.

Example 640,203,500 = 600,000,000 + 40,000,000 + 200,000 + 3,000 + 500

1. 300,000,000 + 8,000,000 + 50,000 + 600 + 2 = _____

2. 95,060,030 = _____

Compare. Write >, < or = in the circle.

Example

345,906,120 < 345,960,120

1. 563,000,000 ○ 56,300,000

2. 700,000,000 ○ 699,999,999

3. 120,450,300 ○ 120,450,300

Renaming Whole Numbers

Rename, order and compare numbers in the millions.

Rename each number.

Example $8,000,000 = \underline{8,000}$ thousands = $\underline{80,000}$ hundreds

1. $35,000,000 =$ _____ millions = _____ thousands

2. $2,700,000 =$ _____ hundred thousands = _____ thousands

3. $460,000,000 =$ _____ millions = _____ hundred thousands

Ten times as much.

Example $10 \times 6,300,000 = \underline{63,000,000}$

1. _____ is ten times $9,000,000$.

2. $400,000,000$ is ten times _____.

Write the numbers in order from least to greatest.

Example $\begin{array}{ccc} 418,250,000 & 41,825,000 & 418,205,000 \\ \underline{41,825,000} & < \underline{418,205,000} & < \underline{418,250,000} \end{array}$

1. $\begin{array}{ccc} 903,100,700 & 930,100,700 & 903,107,000 \\ & < & < \end{array}$

Compare. Write >, < or = in the circle.

Example 34 millions $\bigcirc$ 3,400 thousands

1. 520 thousands $\bigcirc$ 52 ten thousands

2. 6 millions $\bigcirc$ 6,100 thousands

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Rename each number. Then write each number.

Example

Cover the places to the right. The digits left say how many.

Thousands	Hundreds	Tens	Ones
4	6		

$$4,600 = 46 \text{ hundreds}$$

Thousands	Hundreds	Tens	Ones
4	6	0	

$$4,600 = 460 \text{ tens}$$

Rename each number.

1. $7,300 =$ _____ hundreds $=$ _____ tens

2. $58,000 =$ _____ thousands $=$ _____ hundreds

3. $90,400 =$ _____ hundreds $=$ _____ tens

4. $260,000 =$ _____ ten thousands $=$ _____ thousands

5. $6,150 =$ _____ tens $=$ _____ hundreds _____ tens

6. $600,000 =$ _____ ten thousands $=$ _____ hundreds

Write each number.

Example

35 hundreds $=$ 3,500

1. 820 tens $=$ _____

2. 17 thousands $=$ _____

3. 64 ten thousands $=$ _____

4. 509 hundreds $=$ _____

5. 2,300 tens $=$ _____

6. 1,200 hundreds $=$ _____

7. 350 thousands $=$ _____

Renaming Whole Numbers

Ten times a number: each digit moves one place to the left.

Write the digits of ten times each number in the chart.

Example

Number	Thousands			Ones		
	Hundreds	Tens	Ones	Hundreds	Tens	Ones
380				3	8	0
10×380			3	8	0	0
2,090			2	0	9	0
$10 \times 2,090$						
15,600		1	5	6	0	0
$10 \times 15,600$						

Fill in the blanks.

Example $10 \times 640 = \underline{6,400}$

1. $10 \times \underline{\hspace{2cm}} = 52,000$

2. Ten times 3,008 is .

3. 93,000 is ten times .

4. $10 \times 25,070 = \underline{\hspace{2cm}}$

5. is ten times 705.

6. $700 \div 70 = \underline{\hspace{2cm}}$

7. $80,000 \div \underline{\hspace{2cm}} = 10$

How many times as much is the first digit worth?

Example In 55,000, the first 5 is worth 10 times the second 5.

1. In 3,330, the 3 in the hundreds is worth times the 3 in the tens.

2. In 90,900, the first 9 is worth times the other 9.

3. In 77,210, the first 7 is worth times the second 7.

Renaming Whole Numbers

Write each number. Find the missing number of units.

Write the number. Regroup when you need to.

Example 4 ten thousands 13 hundreds 6 ones = 41,306

1. 3 thousands 25 tens = _____

2. 6 ten thousands 2 thousands 15 tens 9 ones = _____

3. 12 hundreds 14 ones = _____

4. 2 hundred thousands 45 thousands 3 hundreds = _____

Write the missing number of units.

Example 6,425 = 64 hundreds 25 ones

1. 7,318 = 6 thousands _____ hundreds 18 ones

2. 52,300 = 4 ten thousands _____ thousands 3 hundreds

3. 30,500 = 2 ten thousands _____ hundreds

Compare. Write >, < or = in the circle.

Example

38 hundreds $\textcircled{<}$ 3,900

1.

450 tens $\textcircled{\phantom{<}}$ 4,500

2.

27 thousands $\textcircled{\phantom{<}}$ 269 hundreds

3.

61 hundreds $\textcircled{\phantom{<}}$ 6,090

Renaming Whole Numbers

Read and write numbers to 999,999,999.

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Example

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503,268,040	5	0	3	2	6	8	0	4	0
72,106,395									
_____	8	6	0	4	0	7	0	1	2
_____			9	0	3	5	6	0	0

Write the number in words, or write the number.

Example

206,040,900 = two hundred six million, forty thousand, nine hundred

1. eighty-one million, three hundred fifty thousand, seven = _____

2. 417,000,058 = _____

Expanded form: write the number, or write it in expanded form.

Example

640,203,500 = 600,000,000 + 40,000,000 + 200,000 + 3,000 + 500

1. 300,000,000 + 8,000,000 + 50,000 + 600 + 2 = _____

2. 95,060,030 = _____

Compare. Write >, < or = in the circle.

Example

345,906,120 < 345,960,120

1. 563,000,000 ○ 56,300,000

2. 700,000,000 ○ 699,999,999

3. 120,450,300 ○ 120,450,300

Renaming Whole Numbers

Rename, order and compare numbers in the millions.

Rename each number.

Example $8,000,000 = \underline{8,000}$ thousands = $\underline{80,000}$ hundreds

1. $35,000,000 = \underline{\hspace{2cm}}$ millions = $\underline{\hspace{2cm}}$ thousands

2. $2,700,000 = \underline{\hspace{2cm}}$ hundred thousands = $\underline{\hspace{2cm}}$ thousands

3. $460,000,000 = \underline{\hspace{2cm}}$ millions = $\underline{\hspace{2cm}}$ hundred thousands

Ten times as much.

Example $10 \times 6,300,000 = \underline{63,000,000}$

1. $\underline{\hspace{2cm}}$ is ten times $9,000,000$.

2. $400,000,000$ is ten times $\underline{\hspace{2cm}}$.

Write the numbers in order from least to greatest.

Example $418,250,000$ $41,825,000$ $418,205,000$
 $\underline{41,825,000} < \underline{418,205,000} < \underline{418,250,000}$

1. $903,100,700$ $930,100,700$ $903,107,000$
 $\underline{\hspace{2cm}} < \underline{\hspace{2cm}} < \underline{\hspace{2cm}}$

Compare. Write $>$, $<$ or $=$ in the circle.

Example 34 millions $\bigcirc$ 3,400 thousands

1. 520 thousands $\bigcirc$ 52 ten thousands

2. 6 millions $\bigcirc$ 6,100 thousands

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Thousands	Hundreds	Tens	Ones
4	6		

$$4,600 = 46 \text{ hundreds}$$

Thousands	Hundreds	Tens	Ones
4	6	0	

$$4,600 = 460 \text{ tens}$$

Rename each number.

1. $7,300 = \underline{73} \text{ hundreds} = \underline{730} \text{ tens}$

2. $58,000 = \underline{58} \text{ thousands} = \underline{580} \text{ hundreds}$

3. $90,400 = \underline{904} \text{ hundreds} = \underline{9,040} \text{ tens}$

4. $260,000 = \underline{26} \text{ ten thousands} = \underline{260} \text{ thousands}$

5. $6,150 = \underline{615} \text{ tens} = \underline{61} \text{ hundreds } \underline{5} \text{ tens}$

6. $600,000 = \underline{60} \text{ ten thousands} = \underline{6,000} \text{ hundreds}$

Write each number.

Example

35 hundreds = 3,500

1. 820 tens = 8,200

2. 17 thousands = 17,000

3. 64 ten thousands = 640,000

4. 509 hundreds = 50,900

5. 2,300 tens = 23,000

6. 1,200 hundreds = 120,000

7. 350 thousands = 350,000

Renaming Whole Numbers

Ten times a number: each digit moves one place to the left.

Write the digits of ten times each number in the chart.

Example

Number	Thousands			Ones		
	Hundreds	Tens	Ones	Hundreds	Tens	Ones
380				3	8	0
10 × 380			3	8	0	0
2,090			2	0	9	0
10 × 2,090		2	0	9	0	0
15,600		1	5	6	0	0
10 × 15,600	1	5	6	0	0	0

Fill in the blanks.

Example $10 \times 640 = \underline{6,400}$

1. $10 \times \underline{5,200} = 52,000$

2. Ten times 3,008 is 30,080.

3. 93,000 is ten times 9,300.

4. $10 \times 25,070 = \underline{250,700}$

5. 7,050 is ten times 705.

6. $700 \div 70 = \underline{10}$

7. $80,000 \div \underline{8,000} = 10$

How many times as much is the first digit worth?

Example In 55,000, the first 5 is worth 10 times the second 5.

1. In 3,330, the 3 in the hundreds is worth 10 times the 3 in the tens.

2. In 90,900, the first 9 is worth 100 times the other 9.

3. In 77,210, the first 7 is worth 10 times the second 7.

Renaming Whole Numbers

Write each number. Find the missing number of units.

Write the number. Regroup when you need to.

Example 4 ten thousands 13 hundreds 6 ones = 41,306

1. 3 thousands 25 tens = 3,250

2. 6 ten thousands 2 thousands 15 tens 9 ones = 62,159

3. 12 hundreds 14 ones = 1,214

4. 2 hundred thousands 45 thousands 3 hundreds = 245,300

Write the missing number of units.

Example 6,425 = 64 hundreds 25 ones

1. 7,318 = 6 thousands 13 hundreds 18 ones

2. 52,300 = 4 ten thousands 12 thousands 3 hundreds

3. 30,500 = 2 ten thousands 105 hundreds

Compare. Write >, < or = in the circle.

Example

38 hundreds $\lt$ 3,900

1.

450 tens $=$ 4,500

2.

27 thousands $>$ 269 hundreds

3.

61 hundreds $>$ 6,090

Renaming Whole Numbers

Read and write numbers to 999,999,999.

Write each number in the chart, or write the number.

Example

Number	Millions			Thousands			Ones		
	Hundreds	Tens	Ones	Hundreds	Tens	Ones	Hundreds	Tens	Ones
503,268,040	5	0	3	2	6	8	0	4	0
72,106,395		7	2	1	0	6	3	9	5
<u>860,407,012</u>	8	6	0	4	0	7	0	1	2
<u>9,035,600</u>			9	0	3	5	6	0	0

Write the number in words, or write the number.

Example 206,040,900 = two hundred six million, forty thousand, nine hundred

1. eighty-one million, three hundred fifty thousand, seven = 81,350,007

2. 417,000,058 = four hundred seventeen million, fifty-eight

Expanded form: write the number, or write it in expanded form.

Example 640,203,500 = 600,000,000 + 40,000,000 + 200,000 + 3,000 + 500

1. 300,000,000 + 8,000,000 + 50,000 + 600 + 2 = 308,050,602

2. 95,060,030 = 90,000,000 + 5,000,000 + 60,000 + 30

Compare. Write >, < or = in the circle.

Example

345,906,120 < 345,960,120

1. 563,000,000 > 56,300,000

2. 700,000,000 > 699,999,999

3. 120,450,300 = 120,450,300

Renaming Whole Numbers

Rename, order and compare numbers in the millions.

Rename each number.

Example $8,000,000 = \underline{8,000}$ thousands = $\underline{80,000}$ hundreds

1. $35,000,000 = \underline{35}$ millions = $\underline{35,000}$ thousands

2. $2,700,000 = \underline{27}$ hundred thousands = $\underline{2,700}$ thousands

3. $460,000,000 = \underline{460}$ millions = $\underline{4,600}$ hundred thousands

Ten times as much.

Example $10 \times 6,300,000 = \underline{63,000,000}$

1. $\underline{90,000,000}$ is ten times $9,000,000$.

2. $400,000,000$ is ten times $\underline{40,000,000}$.

Write the numbers in order from least to greatest.

Example $\begin{array}{ccc} 418,250,000 & 41,825,000 & 418,205,000 \\ \underline{41,825,000} & < \underline{418,205,000} & < \underline{418,250,000} \end{array}$

1. $\begin{array}{ccc} 903,100,700 & 930,100,700 & 903,107,000 \\ \underline{903,100,700} & < \underline{903,107,000} & < \underline{930,100,700} \end{array}$

Compare. Write >, < or = in the circle.

Example 34 millions $\bigcirc$ 3,400 thousands

1. 520 thousands $\bigcirc$ 52 ten thousands

2. 6 millions $\bigcirc$ 6,100 thousands