



A Story of Units

GRADE 4 • MODULE 1

Place Value, Rounding, and Algorithms for Addition and Subtraction

Student Workbook

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A

Correct _____

Multiply or divide.

1	$2 \times 10 =$		23	$\underline{\quad} \times 10 = 100$	
2	$3 \times 10 =$		24	$\underline{\quad} \times 10 = 20$	
3	$4 \times 10 =$		25	$\underline{\quad} \times 10 = 30$	
4	$5 \times 10 =$		26	$100 \div 10 =$	
5	$1 \times 10 =$		27	$50 \div 10 =$	
6	$20 \div 10 =$		28	$10 \div 10 =$	
7	$30 \div 10 =$		29	$20 \div 10 =$	
8	$50 \div 10 =$		30	$30 \div 10 =$	
9	$10 \div 10 =$		31	$\underline{\quad} \times 10 = 60$	
10	$40 \div 10 =$		32	$\underline{\quad} \times 10 = 70$	
11	$6 \times 10 =$		33	$\underline{\quad} \times 10 = 90$	
12	$7 \times 10 =$		34	$\underline{\quad} \times 10 = 80$	
13	$8 \times 10 =$		35	$70 \div 10 =$	
14	$9 \times 10 =$		36	$90 \div 10 =$	
15	$10 \times 10 =$		37	$60 \div 10 =$	
16	$80 \div 10 =$		38	$80 \div 10 =$	
17	$70 \div 10 =$		39	$11 \times 10 =$	
18	$90 \div 10 =$		40	$110 \div 10 =$	
19	$60 \div 10 =$		41	$30 \div 10 =$	
20	$100 \div 10 =$		42	$120 \div 10 =$	
21	$\underline{\quad} \times 10 = 50$		43	$14 \times 10 =$	
22	$\underline{\quad} \times 10 = 10$		44	$140 \div 10 =$	

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B

Improvement _____ # Correct _____

Multiply or divide.

1	$1 \times 10 =$		23	$__ \times 10 = 20$	
2	$2 \times 10 =$		24	$__ \times 10 = 100$	
3	$3 \times 10 =$		25	$__ \times 10 = 30$	
4	$4 \times 10 =$		26	$20 \div 10 =$	
5	$5 \times 10 =$		27	$10 \div 10 =$	
6	$30 \div 10 =$		28	$100 \div 10 =$	
7	$20 \div 10 =$		29	$50 \div 10 =$	
8	$40 \div 10 =$		30	$30 \div 10 =$	
9	$10 \div 10 =$		31	$__ \times 10 = 30$	
10	$50 \div 10 =$		32	$__ \times 10 = 40$	
11	$10 \times 10 =$		33	$__ \times 10 = 90$	
12	$6 \times 10 =$		34	$__ \times 10 = 70$	
13	$7 \times 10 =$		35	$80 \div 10 =$	
14	$8 \times 10 =$		36	$90 \div 10 =$	
15	$9 \times 10 =$		37	$60 \div 10 =$	
16	$70 \div 10 =$		38	$70 \div 10 =$	
17	$60 \div 10 =$		39	$11 \times 10 =$	
18	$80 \div 10 =$		40	$110 \div 10 =$	
19	$100 \div 10 =$		41	$120 \times 10 =$	
20	$90 \div 10 =$		42	$120 \div 10 =$	
21	$__ \times 10 = 10$		43	$13 \times 10 =$	
22	$__ \times 10 = 50$		44	$130 \div 10 =$	

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Name _____

Date _____

1. Label the place value charts. Fill in the blanks to make the following statements true. Draw disks in the place value chart to show how you got your answer, using arrows to show any bundling.

a. $10 \times 3 \text{ ones} = \underline{\hspace{2cm}} \text{ ones} = \underline{\hspace{2cm}}$

b. $10 \times 2 \text{ tens} = \underline{\hspace{2cm}} \text{ tens} = \underline{\hspace{2cm}}$

c. $4 \text{ hundreds} \times 10 = \underline{\hspace{2cm}} \text{ hundreds} = \underline{\hspace{2cm}}$

2. Complete the following statements using your knowledge of place value:

- a. 10 times as many as 1 ten is _____ tens.
- b. 10 times as many as _____ tens is 30 tens or _____ hundreds.
- c. _____ as 9 hundreds is 9 thousands.
- d. _____ thousands is the same as 20 hundreds.

Use pictures, numbers, and words to explain how you got your answer for Part (d).

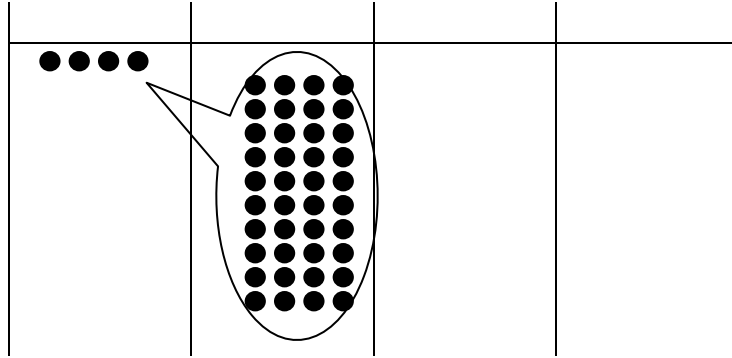
3. Matthew has 30 stamps in his collection. Matthew's father has 10 times as many stamps as Matthew. How many stamps does Matthew's father have? Use numbers and words to explain how you got your answer.
4. Jane saved \$800. Her sister has 10 times as much money. How much money does Jane's sister have? Use numbers and words to explain how you got your answer.
5. Fill in the blanks to make the statements true.
- a. 2 times as much as 4 is _____.
 - b. 10 times as much as 4 is _____.
 - c. 500 is 10 times as much as _____.
 - d. 6,000 is _____ as 600.
6. Sarah is 9 years old. Sarah's grandfather is 90 years old. Sarah's grandfather is how many times as old as Sarah?

Sarah's grandfather is _____ times as old as Sarah.

Name _____

Date _____

1. Use the number disks in the place value chart below to complete the following problems.



- a. Label the place value chart.
- b. Tell about the movement of the disks in the place value chart by filling in the blanks to make the following equation true and match what is happening in the place value chart.

$$\underline{\hspace{2cm}} \times 10 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

- c. Write a statement about this place value chart using the words “10 times as many.”

Name _____

Date _____

1. Label the place value charts. Fill in the blanks to make the following statements true. Draw disks in the place value chart to show how you got your answer.

a. 10×4 ones = _____ ones = _____

b. 10×2 tens = _____ tens = _____

c. 5 hundreds $\times 10 =$ _____ hundreds = _____

2. Complete the following statements using your knowledge of place value:

a. 10 times as many as 1 hundred is _____ hundreds or _____ thousand.

b. 10 times as many as _____ hundreds is 60 hundreds or _____ thousands.

c. _____ as 8 hundreds is 8 thousands.

d. _____ hundreds is the same as 4 thousands.

Use pictures, numbers, and words to explain how you got your answer for Part (d).

3. Katrina has 60 GB of storage on her tablet. Katrina's father has 10 times as much storage on his computer. How much storage does Katrina's father have? Use numbers and words to explain how you got your answer.
4. Katrina saved \$200 to purchase her tablet. Her father spent 10 times as much money to buy his new computer. How much did her father's computer cost? Use numbers and words to explain how you got your answer.
5. Fill in the blanks to make the statements true.
- a. 4 times as much as 3 is _____.
 - b. 10 times as much as 9 is _____.
 - c. 700 is 10 times as much as _____.
 - d. 8,000 is _____ as 800.
6. Tomas's grandfather is 100 years old. Tomas's grandfather is 10 times as old. How old is Tomas?

Name _____

Date _____

1. As you did during the lesson, label and represent the product or quotient drawing disks on the place value chart.

a. 10×2 thousands = _____ thousands = _____

b. 10×3 ten thousands = _____ ten thousands = _____

c. 4 thousands $\div 10$ = _____ hundreds $\div 10$ = _____

2. Fill in the blanks to complete each number sentence. Respond first in unit form, then in standard form.

Expression	Unit form	Standard Form
10×6 tens		
7 hundreds $\times 10$		
3 thousands $\div 10$		
6 ten thousands $\div 10$		
10×4 thousands		

3. Fill in the blanks to complete each number sentence. Respond first in unit form, then in standard form.

Expression	Unit form	Standard Form
(4 tens 3 ones) $\times 10$		
(2 hundreds 3 tens) $\times 10$		
(7 thousands 8 hundreds) $\times 10$		
(6 thousands 4 tens) $\div 10$		
(4 ten thousands 3 tens) $\div 10$		

4. Explain how you solved the last problem of Set 2. Use a place value chart to support your explanation.

5. Explain how you solved the last problem of Set 3. Use a place value chart to support your explanation.
6. Jacob saved 2 thousand dollar bills, 4 hundred dollar bills, and 6 ten dollar bills to buy a car. The car costs 10 times as much as he has saved. How much does the car cost?
7. Last year the apple orchard experienced a drought and didn't produce many apples. But this year, the apple orchard produced 45 thousand granny smith apples and 9 hundred red delicious apples, which is 10 times as many apples as last year. How many apples did the orchard produce last year?
8. Planet Ruba has a population of 1 million aliens. Planet Zamba has 1 hundred thousand aliens.
- How many more aliens does Planet Ruba have than Planet Zamba?
 - Write a sentence to compare the populations for each planet using the words "10 times as many."

Name _____

Date _____

1. Fill in the blank to complete the number sentence. Respond with a numeral.

a. (4 ten thousands 6 hundreds) $\times 10 =$ _____

b. (8 thousands 2 tens) $\div 10 =$ _____

2. The Carson family saved up \$39,580 for a new home. The cost of their dream home is 10 times as much as they have saved. How much does their dream home cost?

Name _____

Date _____

1. As you did during the lesson, label and represent the product or quotient drawing disks on the place value chart.

a. 10×4 thousands = _____ thousands = _____

b. 4 thousands $\div 10 =$ _____ hundreds $\div 10 =$ _____

2. Fill in the blanks to complete each number sentence. Respond first in unit form, then in standard form.

Expression	Unit Form	Standard Form
10×3 tens		
5 hundreds $\times 10$		
9 ten thousands $\div 10$		
10×7 thousands		

3. Fill in the blanks to complete each number sentence. Respond first in unit form, then in standard form.

Expression	Unit Form	Standard Form
$(2 \text{ tens } 1 \text{ one}) \times 10$		
$(5 \text{ hundreds } 5 \text{ tens}) \times 10$		
$(2 \text{ thousands } 7 \text{ tens}) \div 10$		
$(4 \text{ ten thousands } 8 \text{ hundreds}) \div 10$		

4. Emily collected \$950 selling Girl Scout cookies all day Saturday. Emily's troop collected 10 times as much as she did. How much money did Emily's troop raise?
5. On Saturday, Emily made 10 times as much as on Monday. How much money did Emily collect on Monday?

A

Correct _____

Multiply.

1	$1 \times 3 =$		23	$10 \times 3 =$	
2	$3 \times 1 =$		24	$9 \times 3 =$	
3	$2 \times 3 =$		25	$4 \times 3 =$	
4	$3 \times 2 =$		26	$8 \times 3 =$	
5	$3 \times 3 =$		27	$5 \times 3 =$	
6	$4 \times 3 =$		28	$7 \times 3 =$	
7	$3 \times 4 =$		29	$6 \times 3 =$	
8	$5 \times 3 =$		30	$3 \times 10 =$	
9	$3 \times 5 =$		31	$3 \times 5 =$	
10	$6 \times 3 =$		32	$3 \times 6 =$	
11	$3 \times 6 =$		33	$3 \times 1 =$	
12	$7 \times 3 =$		34	$3 \times 9 =$	
13	$3 \times 7 =$		35	$3 \times 4 =$	
14	$8 \times 3 =$		36	$3 \times 3 =$	
15	$3 \times 8 =$		37	$3 \times 2 =$	
16	$9 \times 3 =$		38	$3 \times 7 =$	
17	$3 \times 9 =$		39	$3 \times 8 =$	
18	$10 \times 3 =$		40	$11 \times 3 =$	
19	$3 \times 10 =$		41	$3 \times 11 =$	
20	$3 \times 3 =$		42	$12 \times 3 =$	
21	$1 \times 3 =$		43	$3 \times 13 =$	
22	$2 \times 3 =$		44	$13 \times 3 =$	

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B

Improvement _____

Correct _____

Multiply.

1	$3 \times 1 =$		23	$9 \times 3 =$	
2	$1 \times 3 =$		24	$3 \times 3 =$	
3	$3 \times 2 =$		25	$8 \times 3 =$	
4	$2 \times 3 =$		26	$4 \times 3 =$	
5	$3 \times 3 =$		27	$7 \times 3 =$	
6	$3 \times 4 =$		28	$5 \times 3 =$	
7	$4 \times 3 =$		29	$6 \times 3 =$	
8	$3 \times 5 =$		30	$3 \times 5 =$	
9	$5 \times 3 =$		31	$3 \times 10 =$	
10	$3 \times 6 =$		32	$3 \times 1 =$	
11	$6 \times 3 =$		33	$3 \times 6 =$	
12	$3 \times 7 =$		34	$3 \times 4 =$	
13	$7 \times 3 =$		35	$3 \times 9 =$	
14	$3 \times 8 =$		36	$3 \times 2 =$	
15	$8 \times 3 =$		37	$3 \times 7 =$	
16	$3 \times 9 =$		38	$3 \times 3 =$	
17	$9 \times 3 =$		39	$3 \times 8 =$	
18	$3 \times 10 =$		40	$11 \times 3 =$	
19	$10 \times 3 =$		41	$3 \times 11 =$	
20	$1 \times 3 =$		42	$13 \times 3 =$	
21	$10 \times 3 =$		43	$3 \times 13 =$	
22	$2 \times 3 =$		44	$12 \times 3 =$	

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Name _____ Date _____

1. Rewrite the following numbers including commas where appropriate:

- a. 1234 _____ b. 12345 _____ c. 123456 _____
d. 1234567 _____ e. 12345678901 _____

2. Complete the following chart:

Expression	Standard Form
5 tens + 5 tens	
3 hundreds + 7 hundreds	
400 thousands + 600 thousands	
8 thousands + 4 thousands	

3. Represent each addend with number disks in the place value chart. Show the composition of larger units from 10 smaller units. Write the sum in standard form.

- a. 4 thousands + 11 hundreds = _____

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones

- b. 24 ten thousands + 11 thousands = _____

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones

4. Use the place value chart to represent the following equations with numbers or disks. Write the product in standard form.

a. $10 \times 3 \text{ thousands} =$ _____

How many thousands are in the answer? _____

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones

b. $(3 \text{ ten thousands } 2 \text{ thousands}) \times 10 =$ _____

How many thousands are in the answer? _____

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones

c. $(32 \text{ thousands } 1 \text{ hundred } 4 \text{ ones}) \times 10 =$ _____

How many thousands are in your answer? _____

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones

5. Lee and Gary visited South Korea. They exchanged their dollars for South Korean bills. Lee received 15 ten thousand South Korean bills. Gary received 150 thousand bills. Use disks or numbers on a place value chart to compare Lee and Gary's money.



Name _____

Date _____

1. In the spaces provided, rewrite the following units as digits. Be sure to place commas where appropriate.

a. 9 thousands, 3 hundreds, 4 ones _____

b. 6 ten thousands, 2 thousands, 7 hundreds, 8 tens, 9 ones _____

c. 1 hundred thousand, 8 thousands, 9 hundreds, 5 tens, 3 ones _____

2. Use the place value chart to write 26 thousands and 13 hundreds using digits.

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones

How many thousands are in your answer? _____

Name _____

Date _____

1. Rewrite the following numbers including commas where appropriate:

a. 4321 _____

b. 54321 _____

c. 224466 _____

d. 2224466 _____

e. 10010011001 _____

2. Complete the following chart:

Expression	Unit Form (Use the largest units possible.)	Standard Form
4 tens + 6 tens		
8 hundreds + 2 hundreds		
5 thousands + 7 thousands		

3. Represent each addend with number disks in the place value chart. Show the composition of larger units from 10 smaller units. Write the sum in standard form.

a. 2 thousands + 12 hundreds = _____

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones

b. 14 ten thousands + 12 thousands = _____

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones

4. Use the place value chart to represent the following equations with numbers or disks. Write the product in standard form.

a. $10 \times 5 \text{ thousands} =$ _____

How many thousands are in the answer? _____

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones

b. $(4 \text{ ten thousands } 4 \text{ thousands}) \times 10 =$ _____

How many thousands are in the answer? _____

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones

c. $(27 \text{ thousands } 3 \text{ hundreds } 5 \text{ ones}) \times 10 =$ _____

How many thousands are in your answer? _____

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones

5. A large grocery store received an order of 2 thousand apples. A neighboring school received an order of 20 boxes of apples with 100 apples in each. Use disks or numbers on a place value chart to compare the number of apples received by the school and the number of apples received by the grocery store.

Name _____

Date _____

1. On the place value chart below, label the units and represent the number 90,523.

- a. Write the number in word form.

- b. Write the number in expanded form.

2. Represent the number 905,203.

- a. Write the number in word form.

- b. Write the number in expanded form.

3. Complete the following chart:

Number	Word Form	Expanded Form
	two thousand, four hundred eighty	
		$20,000 + 400 + 80 + 2$
	sixty-four thousand, one hundred six	
604,016		
1,060,060		

4. Black Rhinos are endangered, with only 4,400 left in the world. Timothy read that number as “four thousand, four hundred.” But his father read the number as “44 hundred.” Who read the number correctly? Use pictures, numbers, or words to explain your answer.

Name _____

Date _____

1. Use the place value chart below to complete the following:

- Label the units on the chart.
 - Write the number $800,000 + 6,000 + 300 + 2$ in the place value chart.
 - Write the number in word form.
2. Write one hundred sixty thousand, five hundred eighty-two in expanded form.

Name _____

Date _____

1. On the place value chart below, label the units and represent the number 50,679.

- a. Write the number in word form.

- b. Write the number in expanded form.

2. On the place value chart below, label the units and represent the number 506,709.

- a. Write the number in word form.

- b. Write the number in expanded form.

3. Complete the following chart:

Number	Word Form	Expanded Form
	five thousand, three hundred seventy	
		$50,000 + 300 + 70 + 2$
	thirty-nine thousand, seven hundred one	
309,017		
1,070,070		

4. Use pictures, numbers, and words to explain another way to say “sixty-five hundred.”

A

Correct _____

Multiply.

1	$1 \times 4 =$		23	$10 \times 4 =$	
2	$4 \times 1 =$		24	$9 \times 4 =$	
3	$2 \times 4 =$		25	$4 \times 4 =$	
4	$4 \times 2 =$		26	$8 \times 4 =$	
5	$3 \times 4 =$		27	$4 \times 3 =$	
6	$4 \times 3 =$		28	$7 \times 4 =$	
7	$4 \times 4 =$		29	$6 \times 4 =$	
8	$5 \times 4 =$		30	$4 \times 10 =$	
9	$4 \times 5 =$		31	$4 \times 5 =$	
10	$6 \times 4 =$		32	$4 \times 6 =$	
11	$4 \times 6 =$		33	$4 \times 1 =$	
12	$7 \times 4 =$		34	$4 \times 9 =$	
13	$4 \times 7 =$		35	$4 \times 4 =$	
14	$8 \times 4 =$		36	$4 \times 3 =$	
15	$4 \times 8 =$		37	$4 \times 2 =$	
16	$9 \times 4 =$		38	$4 \times 7 =$	
17	$4 \times 9 =$		39	$4 \times 8 =$	
18	$10 \times 4 =$		40	$11 \times 4 =$	
19	$4 \times 10 =$		41	$4 \times 11 =$	
20	$4 \times 3 =$		42	$12 \times 4 =$	
21	$1 \times 4 =$		43	$4 \times 12 =$	
22	$2 \times 4 =$		44	$13 \times 4 =$	

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B

Improvement _____ # Correct _____

Multiply.

1	$4 \times 1 =$		23	$9 \times 4 =$	
2	$1 \times 4 =$		24	$3 \times 4 =$	
3	$4 \times 2 =$		25	$8 \times 4 =$	
4	$2 \times 4 =$		26	$4 \times 4 =$	
5	$4 \times 3 =$		27	$7 \times 4 =$	
6	$3 \times 4 =$		28	$5 \times 4 =$	
7	$4 \times 4 =$		29	$6 \times 4 =$	
8	$4 \times 5 =$		30	$4 \times 5 =$	
9	$5 \times 4 =$		31	$4 \times 10 =$	
10	$4 \times 6 =$		32	$4 \times 1 =$	
11	$6 \times 4 =$		33	$4 \times 6 =$	
12	$4 \times 7 =$		34	$4 \times 4 =$	
13	$7 \times 4 =$		35	$4 \times 9 =$	
14	$4 \times 8 =$		36	$4 \times 2 =$	
15	$8 \times 4 =$		37	$4 \times 7 =$	
16	$4 \times 9 =$		38	$4 \times 3 =$	
17	$9 \times 4 =$		39	$4 \times 8 =$	
18	$4 \times 10 =$		40	$11 \times 4 =$	
19	$10 \times 4 =$		41	$4 \times 11 =$	
20	$1 \times 4 =$		42	$12 \times 4 =$	
21	$10 \times 4 =$		43	$4 \times 12 =$	
22	$2 \times 4 =$		44	$13 \times 4 =$	

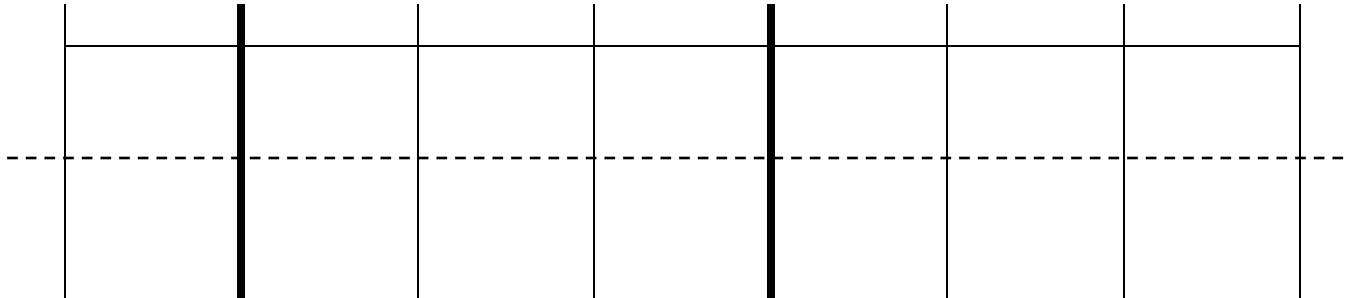
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Name _____

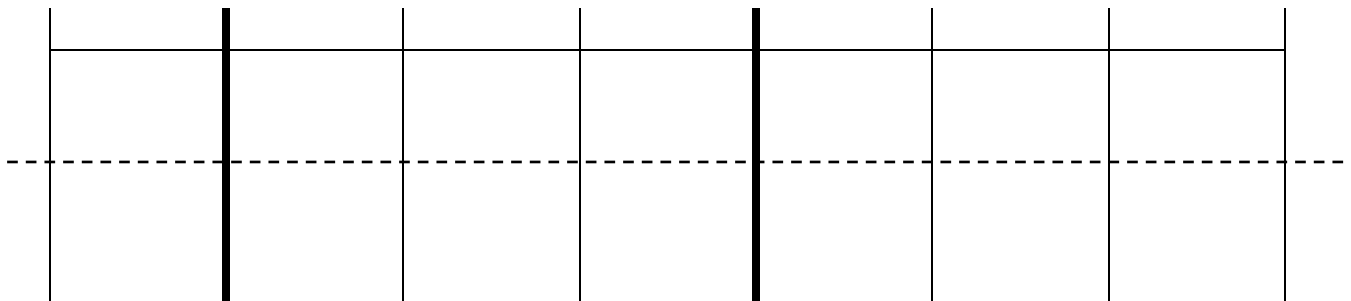
Date _____

1. Label the units in the place value chart. Draw place value disks to represent each number in the place value chart. Use $<$, $>$, or $=$ to compare the two numbers. Write the correct symbol in the circle.

a. 600,015 60,015



b. 409,004 440,002



2. Compare the two numbers by using the symbols $<$, $>$, and $=$. Write the correct symbol in the circle.

a. 342,001 94,981

b. $500,000 + 80,000 + 9,000 + 100$ five hundred eight thousand, nine hundred one

c. 9 hundred thousands 8 thousands 9 hundreds 3 tens 908,930

d. 9 hundreds 5 ten thousands 9 ones 6 ten thousands 5 hundreds 9 ones

3. Use the information in the chart below to list the height in feet of each mountain from least to greatest. Then name the mountain that has the lowest elevation in feet.

Name of Mountain	Elevation in Feet (ft.)
Allen Mountain	4,347 ft.
Mount Marcy	5,343 ft.
Mount Haystack	4,960 ft.
Slide Mountain	4,180 ft.

4. Arrange these numbers from least to greatest: 8,002 2,080 820 2,008 8,200

5. Arrange these numbers from greatest to least: 728,000 708,200 720,800 87,300

6. One astronomical unit, or 1 AU, is the approximate distance from the earth to the sun. The following are the approximate distances from earth to nearby stars given in AUs:

Alpha Centauri is 275,725 AUs from earth.

Proxima Centauri is 268,269 AUs from earth.

Epsilon Eridani is 665,282 AUs from earth.

Barnard's Star is 377,098 AUs from earth.

Sirius is 542,774 AUs from earth.

List the names of the stars and their distances in AUs in order from closest to farthest from earth.

Name _____

Date _____

1. Four friends were playing a game. Use the information in the table below to order the number of points each player earned from least to greatest. Then name the person who won the game.

Player Name	Points Earned
Amy	2,398 points
Bonnie	2,976 points
Jeff	2,709 points
Rick	2,699 points

2. Use each of the digits 5, 4, 3, 2, 1 exactly once to create two different five-digit numbers.
- a. Write each number on the line and compare the two numbers by using the symbols $<$ or $>$. Write the correct symbol in the circle.

_____ ○ _____

- b. Use words to write a comparison statement for the problem above.

Name _____

Date _____

1. Label the units in the place value chart. Draw place value disks to represent each number in the place value chart. Use $<$, $>$, or $=$ to compare the two numbers. Write the correct symbol in the circle.

a. 909,013 ○ 90,013

b. 210,005 ○ 220,005

2. Compare the two numbers by using the symbols $<$, $>$, and $=$. Write the correct symbol in the circle.

a. 501,107 ○ 89,171

b. $300,000 + 50,000 + 1,000 + 800$ ○ six hundred five thousand, nine hundred eight

c. 3 hundred thousands 3 thousands 8 hundreds 4 tens ○ 303,840

d. 5 hundreds 6 ten thousands 2 ones ○ 3 ten thousands 5 hundreds 1 one

3. Use the information in the chart below to list the height in feet of each skyscraper from least to greatest. Then name the tallest skyscraper.

Name of Skyscraper	Height of Skyscraper (ft.)
Willis Tower	1,450
Freedom Tower	1,776
Taipei 101	1,670
Petronas Towers	1,483

4. Arrange these numbers from least to greatest: 7,550 5,070 750 5,007 7,505
5. Arrange these numbers from greatest to least: 426,000 406,200 640,020 46,600
6. The area of the 50 states can be measured in square miles (sq. miles).

California is 158,648 sq. miles. Nevada is 110,567 sq. miles. Arizona is 114,007 sq. miles.
Texas is 266,874 sq. miles. Montana is 147,047 sq. miles, and Alaska is 587,878 sq. miles.

Arrange the states listed by area from least to greatest.

Name _____

Date _____

1. Label the place value chart. Use number disks to find the sum or difference. Write the answer in standard form on the line.

a. 10,000 more than six hundred five thousand, four hundred, seventy-two is _____.

b. 100 thousand less than $400,000 + 80,000 + 1000 + 30 + 6$ is _____.

c. 230,070 is _____ than 130,070.

2. Lucy plays an online math game. She scored 100,000 more points on Level 2 than on Level 3. If she scored 349,867 points on Level 2, what was her score on Level 3? Use pictures, words, or numbers to explain your thinking.

3. Complete the following equations:

a. $10,000 + 40,060 =$ _____

b. $21,195 - 10,000 =$ _____

c. $999,000 + 1,000 =$ _____

d. $129,231 - 100,000 =$ _____

e. $122,000 = 22,000 +$ _____

f. $38,018 = 39,018 -$ _____

4. Fill in the empty boxes to complete the patterns.

150,010		170,010		190,010	
---------	--	---------	--	---------	--

a. Explain in pictures, numbers, and words how you found your answer.

	898,756	798,756			498,756
--	---------	---------	--	--	---------

b. Explain in pictures, numbers, and words how you found your answer.

744,369	743,369		741,369		
---------	---------	--	---------	--	--

c. Explain in pictures, numbers, and words how you found your answer.

	118,910			88,910	78,910
--	---------	--	--	--------	--------

d. Explain in pictures, numbers, and words how you found your answer.

Name _____

Date _____

1. Fill in the empty boxes to complete the pattern.

468,235			471,235	472,235	
---------	--	--	---------	---------	--

- a. Explain in pictures, numbers, and words how you found your answer.

2. Complete the following equations.

a. $1,000 + 56,879 =$ _____

b. $324,560 - 100,000 =$ _____

c. $456,080 - 10,000 =$ _____

d. $10,000 + 786,233 =$ _____

3. The population of Rochester, NY in the 1990 census was 219,782. The 2000 census found that the population decreased by about 10,000. About how many people lived in Rochester in 2000? Explain in pictures, numbers, and words how you found your answer.

Name _____ Date _____

1. Label the place value chart. Use number disks to find the sum or difference. Write the answer in standard form on the line.

- a. 100,000 less than five hundred sixty thousand, three hundred thirteen is _____.

- b. Ten thousand more than $300,000 + 90,000 + 5,000 + 40$ is _____.

- c. 448,077 is _____ than 347,077.

2. Complete the following equations:

- a. $100,000 + 76,960 =$ _____
- b. $13,097 - 1,000 =$ _____
- c. $849,000 - 10,000 =$ _____
- d. $442,210 + 10,000 =$ _____
- e. $172,090 = 171,090 +$ _____
- f. $854,121 = 954,121 -$ _____

3. Fill in the empty boxes to complete the patterns.

145,555		147,555		149,555	
---------	--	---------	--	---------	--

- a. Explain in pictures, numbers, and words how you found your answer.

	764,321	774,321			804,321
--	---------	---------	--	--	---------

- b. Explain in pictures, numbers, and words how you found your answer.

125,876	225,876		425,876		
---------	---------	--	---------	--	--

- c. Explain in pictures, numbers, and words how you found your answer.

	254,445			224,445	214,445
--	---------	--	--	---------	---------

- d. Explain in pictures, numbers, and words how you found your answer.

4. In 2012, Charlie earned an annual salary of \$54,098. At the beginning of 2013, Charlie's annual salary was raised by \$10,000. How much money will Charlie earn in 2013? Use pictures, words, or numbers to explain your thinking.

Name _____

Date _____

1. Round to the nearest thousand. Use the number line to model your thinking.

a. $6,700 \approx$ _____



b. $9,340 \approx$ _____



c. $16,401 \approx$ _____



d. $39,545 \approx$ _____



e. $399,499 \approx$ _____



f. $840,007 \approx$ _____



2. A pilot wanted to know about how many kilometers he flew on his last 3 flights. From NYC to London he flew 5,572 km. Then, from London to Beijing he flew 8,147 km. Finally, he flew 10,996 km from Beijing back to NYC. Round each number to the nearest thousand, then find the sum of the rounded numbers to estimate about how many kilometers the pilot flew.
3. Mrs. Smith's class is learning about healthy eating habits. The students learned that the average child should consume about 12,000 calories each week. Kerry consumed 12,748 calories last week. Tyler consumed 11,702 calories last week. Round to the nearest thousand to find who consumed closer to the recommended number of calories? Use pictures, numbers, and words to explain.
4. The cost of tuition at Cornell University is \$43,000 per year when rounded to the nearest thousand. What is the greatest possible amount the tuition could be? What is the least possible amount the tuition could be?

Name _____

Date _____

1. Round to the nearest thousand. Use the number line to model your thinking.



a. $7,621 \approx$ _____

b. $12,502 \approx$ _____

c. $324,087 \approx$ _____

2. It takes 39,090 gallons of water to manufacture a new car. Sammy thinks that rounds up to about 40,000 gallons. Susie thinks it is about 39,000 gallons. Who rounded to the nearest thousand, Sammy or Susie? Use pictures numbers and words to explain.

Name _____ Date _____

1. Round to the nearest thousand. Use the number line to model your thinking.

a. $5,900 \approx$ _____



b. $4,180 \approx$ _____



c. $32,879 \approx$ _____



d. $78,600 \approx$ _____



e. $251,031 \approx$ _____



f. $699,900 \approx$ _____



2. Steven and his friend were putting together a 5,000 piece puzzle. In one day, they put together 981 of the pieces. About how many pieces did they put together? Round to the nearest thousand. Use what you know about place value to explain your answer.
3. Louise's family went on vacation to Disney World. Their vacation cost \$5,990. Sophia's family went on vacation to Niagara Falls. Their vacation cost \$4,720. Both families budgeted about \$5,000 for their vacation. Whose family stayed closer to the budget? Round to the nearest thousand. Use what you know about place value to explain your answer.
4. Marsha's brother wanted help with the first question on his homework. The question asked the students to round 128,902 to the nearest thousand and then to explain the answer. Marsha's brother thought that the answer was 128,000. Was his answer correct? How do you know? Use pictures, numbers, and words to explain what you know about place value.

A

Find the halfway point.

Correct _____

1	0	10	23	6000	7000
2	0	100	24	600	700
3	0	1000	25	60	70
4	10	20	26	260	270
5	100	200	27	9260	9270
6	1000	2000	28	80	90
7	30	40	29	90	100
8	300	400	30	990	1000
9	400	500	31	9990	10,000
10	20	30	32	440	450
11	30	40	33	8300	8400
12	40	50	34	680	690
13	50	60	35	9400	9500
14	500	600	36	3900	4000
15	5000	6000	37	2450	2460
16	200	300	38	7080	7090
17	300	400	39	3200	3210
18	700	800	40	8630	8640
19	5700	5800	41	8190	8200
20	70	80	42	2510	2520
21	670	680	43	4890	4900
22	6700	6800	44	6660	6670

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Lesson 8:

Round multi-digit numbers to any place value using the vertical number line.

Date:

6/28/13



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B

Find the halfway point.

Improvement _____

Correct _____

1	10	20	23	7000	8000
2	100	200	24	700	800
3	1000	2000	25	70	80
4	20	30	26	270	280
5	200	300	27	9270	9280
6	2000	3000	28	80	90
7	40	50	29	90	100
8	400	500	30	990	1000
9	500	600	31	9990	10,000
10	30	40	32	450	460
11	40	50	33	8400	8500
12	50	60	34	580	590
13	60	70	35	9500	9600
14	600	700	36	2900	3000
15	6000	7000	37	3450	3460
16	300	400	38	6080	6090
17	400	500	39	4200	4210
18	800	900	40	7630	7640
19	5800	5900	41	7190	7200
20	80	90	42	3510	3520
21	680	690	43	5890	5900
22	6800	6900	44	7770	7780

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Lesson 8:

Round multi-digit numbers to any place value using the vertical number line.
6/28/13

Date:



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Name _____

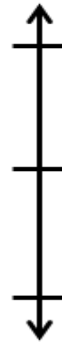
Date _____

Directions: Complete each statement by rounding the number to the given place value. Use the number line to show your work.

1a. 53,000 rounded to the nearest ten thousand is _____.



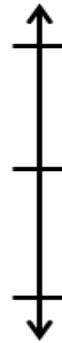
2a. 240,000 rounded to the nearest hundred thousand is _____.



1b. 42,708 rounded to the nearest ten thousand is _____.



2b. 449,019 rounded to the nearest hundred thousand is _____.



1c. 406,823 rounded to the nearest ten thousand is _____.



2c. 964,103 rounded to the nearest hundred thousand is _____.



3. 3,875,462 people watched the St. Patrick's Day Parade in New York City last year. Round this number to the nearest hundred thousand to estimate how many people watched the parade. Use a number line to show your work.
4. A digit is missing in the number below, which was then rounded to the nearest ten thousand. List the possible digits that could go in the thousands place to make this statement correct. Use a number line to show your work.

$$13_,644 \approx 130,000$$

5. Estimate the difference by rounding each number to the given place value.

$$712,350 - 342,802$$

- a. Round to the nearest ten thousands.
- b. Round to the nearest hundred thousands.

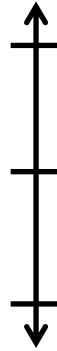
Name _____

Date _____

1. Round to the nearest ten thousand. Use the number line to model your thinking.



a. $35,124 \approx$ _____



b. $981,657 \approx$ _____

2. Round to the nearest hundred thousand. Use the number line to model your thinking.



a. $89,678 \approx$ _____



b. $999,765 \approx$ _____

3. Estimate the sum by rounding each number to the nearest hundred thousand.

$257,098 + 548,765 \approx$ _____

Name _____

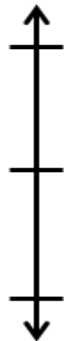
Date _____

Directions: Complete each statement by rounding the number to the given place value. Use the number line to show your work.

1a. 67,000 rounded to the nearest ten thousand
is _____.



2a. 867,000 rounded to the nearest hundred
thousand is _____.



1b. 51,988 rounded to the nearest ten thousand
is _____.



2b. 767,074 rounded to the nearest hundred
thousand is _____.



1c. 105,159 rounded to the nearest ten thousand
is _____.



2c. 629,999 rounded to the nearest hundred
thousand is _____.



3. 491,852 people went to the water park in the month of July. Round this number to the nearest hundred thousand to estimate how many people went to the park. Use a number line to show your work.
4. A digit is missing in the number below, which was then rounded to the nearest hundred thousand. List the possible digits that could go in the ten thousands place to make this statement correct. Use a number line to show your work.

$$1_9,644 \approx 100,000$$

5. Estimate the sum by rounding each number to the given place value.

$$164,215 + 216,088$$

- a. Round to the nearest ten thousands.
- b. Round to the nearest hundred thousands.

Name _____

Date _____

1. Round to the nearest thousand.

a. $5,300 \approx$ _____

b. $4,589 \approx$ _____

c. $42,099 \approx$ _____

d. $801,504 \approx$ _____

e. Explain how you found your answer for Part (d).

2. Round to the nearest ten thousand.

a. $26,000 \approx$ _____

b. $34,920 \approx$ _____

c. $789,091 \approx$ _____

d. $706,286 \approx$ _____

e. Explain why two problems have the same answer. Write another number that has the same answer when rounded to the nearest ten thousand.

3. Round to the nearest hundred thousand.

a. $840,000 \approx$ _____

b. $850,471 \approx$ _____

c. $761,004 \approx$ _____

d. $991,965 \approx$ _____

e. Explain why two problems have the same answer. Write another number that has the same answer when rounded to the nearest hundred thousand.

4. Solve the following problems using pictures, numbers, and words.
- The 2012 Super Bowl had an attendance of just 68,658 people. If the headline in the newspaper the next day read “About 70,000 People Attend Super Bowl,” how did the newspaper round to estimate the total number of people in attendance?
 - The 2011 Super Bowl had an attendance of 103,219 fans. If the headline in the newspaper the next day read “About 200,000 People Attend Super Bowl,” is the newspaper’s estimate reasonable? Use rounding to explain your answer.
 - According to the problems above, about how many more people attended the Super Bowl in 2011 than in 2012? Round each number to the largest place value before giving the estimated answer.

Name _____

Date _____

1. Round 765,903 to the given place value:

Thousand _____

Ten thousand _____

Hundred thousand _____

2. There are 16,850 Star coffee shops around the world. Round the number of shops to the nearest thousand and ten thousand. Which answer is more accurate? Explain your thinking using pictures, numbers and words.

Name _____

Date _____

1. Round to the nearest thousand.

a. $6,842 \approx$ _____

b. $2,722 \approx$ _____

c. $16,051 \approx$ _____

d. $706,421 \approx$ _____

e. Explain how you found your answer for Part (d).

2. Round to the nearest ten thousand.

a. $88,999 \approx$ _____

b. $85,001 \approx$ _____

c. $789,091 \approx$ _____

d. $905,154 \approx$ _____

e. Explain why two problems have the same answer. Write another number that has the same answer when rounded to the nearest ten thousand.

3. Round to the nearest hundred thousand.

a. $89,659 \approx$ _____

b. $751,447 \approx$ _____

c. $617,889 \approx$ _____

d. $817,245 \approx$ _____

e. Explain why two problems have the same answer. Write another number that has the same answer when rounded to the nearest hundred thousand.

4. Solve the following problems using pictures, numbers, and words.
- a. At President Obama's inauguration in 2013, the newspaper headlines stated there were about 800,000 people in attendance. If the newspaper rounded to the nearest hundred thousand, what is the largest number and smallest number of people that could have been there?

 - b. At President Bush's inauguration in 2005, the newspaper headlines stated there were about 400,000 people in attendance. If the newspaper rounded to the nearest ten thousand, what is the largest number and smallest number of people that could have been there?

 - c. At President Lincoln's inauguration in 1861, the newspaper headlines stated there were about 30,000 people in attendance. If the newspaper rounded to the nearest thousand, what is the largest number and smallest number of people that could have been there?

A

Correct _____

Round to the nearest ten thousand.

1	21,000 ≈		23	185,000 ≈	
2	31,000 ≈		24	85,000 ≈	
3	41,000 ≈		25	95,000 ≈	
4	541,000 =		26	97,000 ≈	
5	49,000 ≈		27	98,000 ≈	
6	59,000 ≈		28	198,000 ≈	
7	69,000 ≈		29	798,000 ≈	
8	369,000 ≈		30	31,200 ≈	
9	62,000 ≈		31	49,300 ≈	
10	712,000 ≈		32	649,300 ≈	
11	28,000 ≈		33	64,520 ≈	
12	37,000 ≈		34	164,520 ≈	
13	137,000 ≈		35	17,742 ≈	
14	44,000 ≈		36	917,742 ≈	
15	56,000 ≈		37	38,396 ≈	
16	456,000 ≈		38	64,501 ≈	
17	15,000 ≈		39	703,280 ≈	
18	25,000 ≈		40	239,500 ≈	
19	35,000 ≈		41	708,170 ≈	
20	235,000 ≈		42	188,631 ≈	
21	75,000 ≈		43	777,499 ≈	
22	175,000 ≈		44	444,919 ≈	

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B Improvement _____ # Correct _____

Round to the nearest ten thousand.

1	11,000 ≈		23	185,000 ≈	
2	21,000 ≈		24	85,000 ≈	
3	31,000 ≈		25	95,000 ≈	
4	531,000 =		26	96,000 ≈	
5	39,000 ≈		27	99,000 ≈	
6	49,000 ≈		28	199,000 ≈	
7	59,000 ≈		29	799,000 ≈	
8	359,000 ≈		30	21,200 ≈	
9	52,000 ≈		31	39,300 ≈	
10	612,000 ≈		32	639,300 ≈	
11	18,000 ≈		33	54,520 ≈	
12	27,000 ≈		34	154,520 ≈	
13	127,000 ≈		35	27,742 ≈	
14	34,000 ≈		36	927,742 ≈	
15	46,000 ≈		37	28,396 ≈	
16	346,000 ≈		38	54,501 ≈	
17	25,000 ≈		39	603,280 ≈	
18	35,000 ≈		40	139,500 ≈	
19	45,000 ≈		41	608,170 ≈	
20	245,000 ≈		42	177,631 ≈	
21	65,000 ≈		43	888,499 ≈	
22	165,000 ≈		44	444,909 ≈	

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Name _____

Date _____

1. Round 543,982 to the nearest

- a. thousand: _____
- b. ten thousand: _____
- c. hundred thousand: _____

2. Complete each statement by rounding the number to the given place value.

- a. 2,841 rounded to the nearest hundred is _____.
- b. 32,851 rounded to the nearest hundred is _____.
- c. 132,891 rounded to the nearest hundred is _____.
- d. 6,299 rounded to the nearest thousand is _____.
- e. 36,599 rounded to the nearest thousand is _____.
- f. 100,699 rounded to the nearest thousand is _____.
- g. 40,984 rounded to the nearest ten thousand is _____.
- h. 54,984 rounded to the nearest ten thousand is _____.
- i. 997,010 rounded to the nearest ten thousand is _____.
- j. 360,034 rounded to the nearest hundred thousand is _____.
- k. 436,709 rounded to the nearest hundred thousand is _____.
- l. 1,852,442 rounded to the nearest hundred thousand is _____.

Name _____

Date _____

1. There are 598,500 Apple employees in the United States.
 - a. Round the number of employees to the given place value:

thousand _____

ten thousand _____

hundred thousand _____

- b. Explain why two of your answers are the same.
2. A company developed a student survey so that students could share their thoughts about school. In 2011, 78,234 students across the United States were administered the survey. In 2012, the company planned to administer the survey to 10 times as many students from 2011. About how many surveys should the company have printed in 2012? Explain how you found your answer.

Name _____

Date _____

1. Round 845,001 to the nearest

a. thousand: _____

b. ten thousand: _____

d. hundred thousand: _____

2. Complete each statement by rounding the number to the given place value.

a. 783 rounded to the nearest hundred is _____.

b. 12,781 rounded to the nearest hundred is _____.

c. 951,194 rounded to the nearest hundred is _____.

d. 1,258 rounded to the nearest thousand is _____.

e. 65,124 rounded to the nearest thousand is _____.

f. 99,451 rounded to the nearest thousand is _____.

g. 60,488 rounded to the nearest ten thousand is _____.

h. 80,801 rounded to the nearest ten thousand is _____.

i. 897,100 rounded to the nearest ten thousand is _____.

j. 880,005 rounded to the nearest hundred thousand is _____.

k. 545,999 rounded to the nearest hundred thousand is _____.

l. 689,114 rounded to the nearest hundred thousand is _____.

Name _____

Date _____

1. Solve the addition problems below using the standard algorithm.

a.
$$\begin{array}{r} 6,311 \\ + 268 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 6,311 \\ + 1,268 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 6,314 \\ + 1,268 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 6,314 \\ + 2,493 \\ \hline \end{array}$$

e.
$$\begin{array}{r} 8,314 \\ + 2,493 \\ \hline \end{array}$$

f.
$$\begin{array}{r} 12,378 \\ + 5,463 \\ \hline \end{array}$$

g.
$$\begin{array}{r} 52,098 \\ + 6,048 \\ \hline \end{array}$$

h.
$$\begin{array}{r} 34,698 \\ + 71,840 \\ \hline \end{array}$$

i.
$$\begin{array}{r} 54,811 \\ + 35,445 \\ \hline \end{array}$$

j. $527 + 275 + 752 =$

k. $38,193 + 6,376 + 241,457 =$

Name _____

Date _____

1. Find the sums of the following:

a.
$$\begin{array}{r} 23,607 \\ + 2,307 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 3,948 \\ + 278 \\ \hline \end{array}$$

c. $5,983 + 2,097$

2. The office supply closet had 25,473 large paperclips, 13,648 medium paperclips, and 15,306 small paperclips. How many paperclips were in the closet?

Name _____

Date _____

1. Solve the addition problems below using the standard algorithm.

$$\begin{array}{r} \text{a.} \quad 7,909 \\ + 1,044 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b.} \quad 27,909 \\ + 9,740 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c.} \quad 827,909 \\ + 42,989 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d.} \quad 289,205 \\ + 11,845 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e.} \quad 547,982 \\ + 114,849 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f.} \quad 258,983 \\ + 121,897 \\ \hline \end{array}$$

$$\begin{array}{r} \text{g.} \quad 83,906 \\ + 35,808 \\ \hline \end{array}$$

$$\begin{array}{r} \text{h.} \quad 289,999 \\ + 91,849 \\ \hline \end{array}$$

$$\begin{array}{r} \text{i.} \quad 754,900 \\ + 245,100 \\ \hline \end{array}$$

Directions: Draw a tape diagram to model the following problem. Use numbers and words to explain your work.

2. At the zoo, Brooke learned that one of rhinos weighed 4,897 pounds, one of the giraffes weighed 2,667 pounds, one of the African elephants weighed 12,456 pounds, and one of the Komodo dragons weighed 123 pounds.

- a. What is the combined weight of the zoo's African elephant and the giraffe?

- b. What is the combined weight of the zoo's African elephant and the rhino?

- c. What is the combined weight of the zoo's African elephant, the rhino, and the giraffe?

- d. What is the combined weight of the zoo's Komodo dragon and the rhino?

Name _____

Date _____

Directions: Estimate and then solve each problem. Model the problem with a tape diagram. Explain if your answer is reasonable.

1. For the bake sale, Connie baked 144 cookies. Esther baked 49 more cookies than Connie.
 - a. About how many cookies did Connie and Esther bake? Estimate by rounding each number to the nearest ten before adding.
 - b. Exactly how many cookies did Connie and Esther bake?
 - c. Is your answer reasonable? Compare your estimate from (a) to your answer from (b). Write a sentence to explain your reasoning.



Lesson 12:

Date:

Solve multi-step word problems using the standard addition algorithm modeled with tape diagrams and assess the reasonableness of answers using rounding.

6/28/13

6/28/13



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engage^{ny}

1.D.20

2. Raffle tickets were sold for a school fundraiser to parents, teachers, and students. 563 tickets were sold to teachers. 888 more tickets were sold to students than to teachers. 904 tickets were sold to parents. How many tickets were sold to parents, teachers, and students?
- a. About how many tickets were sold to parents, teachers, and students? Round each number to the nearest hundred to find your estimate.
- b. Exactly how many tickets were sold to parents, teachers, and students?
- c. Assess the reasonableness of your answer in (b). Use your estimate from (a) to explain.
3. From 2010 to 2011, the population of Queens increased by 16,075. Brooklyn's population increased by 11,870 more than the population increase of Queens.
- a. Estimate the total combined population increase of Queens and Brooklyn from 2010 to 2011. (Round the addends to estimate.)

- b. Find the actual total combined population increase of Queens and Brooklyn from 2010 to 2011.
- c. Assess the reasonableness of your answer in (b). Use your estimate from (a) to explain.
4. During National Recycling Month, Mr. Yardley's class spent 4 weeks collecting empty cans to recycle.

Week	Number of Cans Collected
1	10,827
2	
3	10,522
4	20,011

- a. During Week 2, the class collected 1,256 more cans than they did during Week 1. Determine the final count of cans collected by Mr. Yardley's class at the end of the 4 weeks.
- b. Assess the reasonableness of your answer in part a by estimating the total number of cans collected.

Name _____

Date _____

Directions: Model the problem with a tape diagram. Solve and write your answer as a statement.

1. In January, Scott earned \$8,999. In February, he earned \$2,387 more than he did in January. In March, Scott earned the same amount as he did in February. How much did Scott earn altogether during those three months? Is your answer reasonable? Explain.

Name _____

Date _____

Directions: Estimate and then solve each problem. Model the problem with a tape diagram. Explain if your answer is reasonable.

1. There were 3,905 more hits on the school's website in January than February. February had 9,854 hits. How many hits did the school's website have during both months?
 - a. About how many hits did the website have during January and February?
 - b. Exactly how many hits did the website have during January and February?
 - c. Is your answer reasonable? Compare your estimate from (a) to your answer from (b). Write a sentence to explain your reasoning.
2. On Sunday, 77,098 fans attended a New York Jets football game. The same day 3,397 more fans attended a New York Giants game than the Jets game. How many football fans watched the Jets and Giants play on Sunday?
 - a. What was the actual number of fans who watched the games?
 - b. Is your answer reasonable? Round each number to the nearest thousand to find an estimate of how many fans there are.

3. Last year on Ted's farm, his four cows produced the following liters of milk:

Cow	Liters of Milk Produced
Daisy	5,098
Betsy	
Mary	9,980
Buttercup	7,087

- a. Betsy produced 986 more liters of milk than Buttercup. How many liters of milk did all 4 cows produce?
- b. Is your answer reasonable? Explain.

Name _____

Date _____

1. Use the standard algorithm to solve the following subtraction problems.

a.
$$\begin{array}{r} 7,525 \\ -3,502 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 17,525 \\ -13,502 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 6,625 \\ -4,417 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 4,625 \\ -435 \\ \hline \end{array}$$

e.
$$\begin{array}{r} 6,500 \\ -470 \\ \hline \end{array}$$

f.
$$\begin{array}{r} 6,025 \\ -3,502 \\ \hline \end{array}$$

g.
$$\begin{array}{r} 23,640 \\ -14,630 \\ \hline \end{array}$$

h.
$$\begin{array}{r} 431,925 \\ -204,815 \\ \hline \end{array}$$

i.
$$\begin{array}{r} 219,925 \\ -121,705 \\ \hline \end{array}$$

Directions: Draw a tape diagram to represent each problem. Use numbers to solve and write your answer as a statement. Check your answers.

2. What number must be added to 13,875 to result in a sum of 25,884?

3. Artist Michelangelo was born on March 6, 1475. Author Mem Fox was born on March 6, 1946. How many years after Michelangelo was born was Mem born?
4. During the month of March, 68,025 pounds of king crab were caught. If 15,614 pounds were caught in the first week of March, how many pounds were caught in the rest of the month?
5. James bought a used car. After driving exactly 9,050 miles, the odometer read 118,064 miles. What was the odometer reading when James bought the car?

Name _____

Date _____

1. a.
$$\begin{array}{r} 8,512 \\ -2,501 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 18,042 \\ -4,122 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 8,052 \\ -1,561 \\ \hline \end{array}$$

2. Draw a tape diagram to represent the following problem. Use numbers to solve and write your answer as a statement.

- a. What number must be added to 1,575 to result in a sum of 8,625?

Name _____

Date _____

1. Use the standard algorithm to solve the following subtraction problems.

a. $2,431$

$$\begin{array}{r} 2,431 \\ - 341 \\ \hline \end{array}$$

b. $422,431$

$$\begin{array}{r} 422,431 \\ - 14,321 \\ \hline \end{array}$$

c. $422,431$

$$\begin{array}{r} 422,431 \\ - 92,420 \\ \hline \end{array}$$

d. $422,431$

$$\begin{array}{r} 422,431 \\ - 392,420 \\ \hline \end{array}$$

e. $982,430$

$$\begin{array}{r} 982,430 \\ - 92,300 \\ \hline \end{array}$$

f. $243,089$

$$\begin{array}{r} 243,089 \\ - 137,079 \\ \hline \end{array}$$

g. $2,431 - 920 =$

h. $892,431 - 520,800 =$

2. What number must be added to 14,056 to result in a sum of 32,713?

Directions: Draw a tape diagram to model each problem. Use numbers to solve and write your answers as a statement. Check your answers.

3. An elementary school collected 1,705 bottles for a recycling program. A high school also collected some bottles. Both schools collected 3,627 bottles combined. How many bottles did the high school collect?

4. A computer shop sold \$356,291 worth of computers and accessories. It sold \$43,720 worth of accessories. How much did the computer shop sell in computers?

5. The population of a city is 538,381. In that population, 148,170 are children.
 - a. How many adults live in the city?

 - b. 186,101 of the adults are males. How many adults are female?

Name _____

Date _____

1. Use the standard algorithm to solve the following subtraction problems.

$$\begin{array}{r} \text{a.} \quad 2,460 \\ - 1,370 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b.} \quad 2,460 \\ - 1,470 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c.} \quad 97,684 \\ - 49,700 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d.} \quad 2,460 \\ - 1,472 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e.} \quad 124,306 \\ - 31,117 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f.} \quad 97,684 \\ - 4,705 \\ \hline \end{array}$$

$$\begin{array}{r} \text{g.} \quad 124,006 \\ - 121,117 \\ \hline \end{array}$$

$$\begin{array}{r} \text{h.} \quad 97,684 \\ - 47,705 \\ \hline \end{array}$$

$$\begin{array}{r} \text{i.} \quad 124,060 \\ - 31,117 \\ \hline \end{array}$$

Directions: Draw a tape diagram to represent each problem. Use numbers to solve and write your answer as a statement. Check your answers.

2. There are 86,400 seconds in one day. If Mr. Liegel is at work for 28,800 seconds a day, how many seconds a day is he away from work?

3. A newspaper company delivered 240,900 newspapers before 6 a.m. on Sunday. There were a total of 525,600 newspapers to deliver. How many more newspapers needed to be delivered on Sunday?
4. A theater holds a total of 2,013 chairs. 197 chairs are in the VIP section. How many chairs are not in the VIP section?
5. Chuck's mom spent \$19,155 on a new car. She had \$30,064 in her bank account. How much money does Chuck's mom have after buying the car?

Name _____

Date _____

Directions: Use the standard algorithm to solve the following subtraction problems.

1.
$$\begin{array}{r} 19,350 \\ - 5,761 \\ \hline \end{array}$$

2. $32,010 - 2,546$

Directions: Draw a tape diagram to represent the following problem. Use numbers to solve and write your answer as a statement. Check your answer.

3. A doughnut shop sold 1,232 doughnuts in one day. If they sold 876 doughnuts in the morning, how many doughnuts were sold during the rest of the day?

Name _____

Date _____

1. Use the standard algorithm to solve the following subtraction problems.

$$\begin{array}{r} \text{a.} \quad 71,989 \\ - 21,492 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b.} \quad 371,989 \\ - 96,492 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c.} \quad 371,089 \\ - 25,192 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d.} \quad 879,989 \\ - 721,492 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e.} \quad 879,009 \\ - 788,492 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f.} \quad 879,989 \\ - 21,070 \\ \hline \end{array}$$

$$\begin{array}{r} \text{g.} \quad 879,000 \\ - 21,989 \\ \hline \end{array}$$

$$\begin{array}{r} \text{h.} \quad 279,389 \\ - 191,492 \\ \hline \end{array}$$

$$\begin{array}{r} \text{i.} \quad 500,989 \\ - 242,000 \\ \hline \end{array}$$

4.1

Directions: Draw a tape diagram to represent each problem. Use numbers to solve and write your answer as a statement.

2. Jason ordered 239,021 pounds of flour to be used in his 25 bakeries. The company delivering the flour showed up with 451,202 pounds. How many extra pounds of flour were delivered?
3. In May, the New York Public Library had 124,061 books checked out. Of those books, 31,117 were mystery books. How many of checked out books were not mystery books?
4. A Class A dump truck can haul 239,000 pounds of dirt. A Class C dump truck can haul 600,200 pounds of dirt. How many more pounds can a Class C truck haul than a Class A truck?



Lesson 14:

Use place value understanding to decompose to smaller units up to 3 times using the standard subtraction algorithm, and apply the algorithm to solve word problems using tape diagrams.

Date:



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engage^{ny}

1.E.26

Name _____

Date _____

1. Directions: Use the standard subtraction algorithm to solve the problems below.

$$\begin{array}{r} \text{a.} \quad 101,660 \\ - 91,680 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b.} \quad 101,660 \\ - 9,980 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c.} \quad 242,561 \\ - 44,702 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d.} \quad 242,561 \\ - 74,987 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e.} \quad 1,000,000 \\ - 592,000 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f.} \quad 1,000,000 \\ - 592,500 \\ \hline \end{array}$$

$$\begin{array}{r} \text{g.} \quad 600,658 \\ - 592,569 \\ \hline \end{array}$$

$$\begin{array}{r} \text{h.} \quad 600,000 \\ - 592,569 \\ \hline \end{array}$$

Name _____

Date _____

Directions: Draw a tape diagram to model each problem and solve.

1. $956,204 - 780,169 =$ _____

2. A construction company was building a stone wall on Main Street. 100,000 stones were delivered to the site. On Monday they used 15,631 stones. How many stones remain for the rest of the week? Write your answer as a statement.

Name _____

Date _____

1. Directions: Use the standard subtraction algorithm to solve the problems below.

$$\begin{array}{r} a. \quad 9,656 \\ - 838 \\ \hline \end{array}$$

$$\begin{array}{r} b. \quad 59,656 \\ - 5,880 \\ \hline \end{array}$$

$$\begin{array}{r} c. \quad 759,656 \\ - 579,989 \\ \hline \end{array}$$

$$\begin{array}{r} d. \quad 294,150 \\ - 166,370 \\ \hline \end{array}$$

$$\begin{array}{r} e. \quad 294,150 \\ - 239,089 \\ \hline \end{array}$$

$$\begin{array}{r} f. \quad 294,150 \\ - 96,400 \\ \hline \end{array}$$

$$\begin{array}{r} g. \quad 800,500 \\ - 79,989 \\ \hline \end{array}$$

$$\begin{array}{r} h. \quad 800,500 \\ - 45,500 \\ \hline \end{array}$$

$$\begin{array}{r} i. \quad 800,500 \\ - 276,664 \\ \hline \end{array}$$

Directions: Use a tape diagram to solve the problems below. Check your answers.

2. A fishing boat was out to sea for 6 months and traveled a total of 8,578 miles. In the first month, the boat traveled 659 miles. How many miles did the fishing boat travel during the remaining 5 months?

3. A national monument had 160,747 visitors during the first week of September. A total of 759,656 people visited the monument in September. How many people visited the monument in September after the first week?

4. Shadow Software Company earned a total of \$800,000 selling programs during the year 2012. \$125,300 of that amount was used to pay expenses of the company. How much profit did Shadow Software Company make in the year 2012?

5. At the local aquarium, Bubba the Seal ate a 25,634 grams of fish during the week. If, on the first day of the week, he ate 6,987 grams of fish, how many grams of fish did he eat during the remainder of the week?

A

Correct _____

Write in centimeters.

1	2 m =	cm	23	1 m 2 cm =	cm
2	3 m =	cm	24	1 m 3 cm =	cm
3	4 m =	cm	25	1 m 4 cm =	cm
4	9 m =	cm	26	1 m 7 cm =	cm
5	1 m =	cm	27	2 m 7 cm =	cm
6	7 m =	cm	28	3 m 7 cm =	cm
7	5 m =	cm	29	8 m 7 cm =	cm
8	8 m =	cm	30	8 m 4 cm =	cm
9	6 m =	cm	31	4 m 9 cm =	cm
10	1 m 20 cm =	cm	32	6 m 8 cm =	cm
11	1 m 30 cm =	cm	33	9 m 3 cm =	cm
12	1 m 40 cm =	cm	34	2 m 60 cm =	cm
13	1 m 90 cm =	cm	35	3 m 75 cm =	cm
14	1 m 95 cm =	cm	36	6 m 33 cm =	cm
15	1 m 85 cm =	cm	37	8 m 9 cm =	cm
16	1 m 84 cm =	cm	38	4 m 70 cm =	cm
17	1 m 73 cm =	cm	39	7 m 35 cm =	cm
18	1 m 62 cm =	cm	40	4 m 17 cm =	cm
19	2 m 62 cm =	cm	41	6 m 4 cm =	cm
20	7 m 62 cm =	cm	42	10 m 4 cm =	cm
21	5 m 27 cm =	cm	43	10 m 40 cm =	cm
22	3 m 87 cm =	cm	44	11 m 84 cm =	cm

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Lesson 16:

Solve two-step word problems using the standard subtraction algorithm fluently modeled with tape diagrams and assess the reasonableness of answers using rounding.

Date:

6/28/13



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B

Improvement _____ # Correct _____

Write in centimeters.

1	1 m =	cm	23	1 m 1 cm =	cm
2	2 m =	cm	24	1 m 2 cm =	cm
3	3 m =	cm	25	1 m 3 cm =	cm
4	7 m =	cm	26	1 m 9 cm =	cm
5	5 m =	cm	27	2 m 9 cm =	cm
6	9 m =	cm	28	3 m 9 cm =	cm
7	4 m =	cm	29	7 m 9 cm =	cm
8	8 m =	cm	30	7 m 4 cm =	cm
9	6 m =	cm	31	4 m 8 cm =	cm
10	1 m 10 cm =	cm	32	6 m 3 cm =	cm
11	1 m 20 cm =	cm	33	9 m 5 cm =	cm
12	1 m 30 cm =	cm	34	2 m 50 cm =	cm
13	1 m 70 cm =	cm	35	3 m 85 cm =	cm
14	1 m 75 cm =	cm	36	6 m 31 cm =	cm
15	1 m 65 cm =	cm	37	6 m 7 cm =	cm
16	1 m 64 cm =	cm	38	4 m 60 cm =	cm
17	1 m 53 cm =	cm	39	7 m 25 cm =	cm
18	1 m 42 cm =	cm	40	4 m 13 cm =	cm
19	2 m 42 cm =	cm	41	6 m 2 cm =	cm
20	8 m 42 cm =	cm	42	10 m 3 cm =	cm
21	5 m 29 cm =	cm	43	10 m 30 cm =	cm
22	3 m 89 cm =	cm	44	11 m 48 cm =	cm

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Lesson 16:

Solve two-step word problems using the standard subtraction algorithm fluently modeled with tape diagrams and assess the reasonableness of answers using rounding.

Date:

6/28/13



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Name _____

Date _____

Directions: Estimate first and then solve each problem. Model the problem with a tape diagram. Explain if your answer is reasonable.

1. On Monday, a farm sold 25,196 pounds of potatoes. On Tuesday, they sold 18,023 pounds. On Wednesday, they sold some more potatoes. In all, they sold 62,409 pounds of potatoes in the 3 days.
 - a. About how many pounds of potatoes did the farm sell on Wednesday? Estimate by rounding each value to the nearest thousand and then compute.
 - b. Find the precise number of pounds of potatoes sold on Wednesday.
 - c. Is your precise answer reasonable? Compare your estimate from (a) to your answer from (b). Write a sentence to explain your reasoning.



Lesson 16:

Date:

Solve two-step word problems using the standard subtraction algorithm fluently modeled with tape diagrams and assess the reasonableness of answers using rounding.

6/28/13

6/28/13



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engage^{ny}

1.E.47

2. A gas station had two pumps. Pump A dispensed 241,752 gallons. Pump B dispensed 113,916 more gallons than Pump A.
- About how many gallons did both pumps dispense? Estimate by rounding each value to the nearest hundred thousand and then compute.
 - Exactly how many gallons did both pumps dispense?
 - Assess the reasonableness of your answer in (b). Use your estimate from (a) to explain.
3. Martin's car had 86,456 miles on it. Of that distance, Martin's wife drove 24,901 miles, and his son drove 7,997 miles. Martin drove the rest.
- About how many miles did Martin drive? Round each value to estimate.
 - Exactly how many miles did Martin drive?
 - Assess the reasonableness of your answer in (b). Use your estimate from (a) to explain.

4. A class read 3,452 pages the first week and 4,090 more pages in the second week than in the first week. How many pages had they read by the end of the second week? Is your answer reasonable? Explain how you know using estimation.
5. A cargo plane weighed 500,000 pounds. After the first load was taken off, the airplane weighed 437,981 pounds. Then 16,478 more pounds were taken off. What was the total number of pounds of cargo removed from the plane? Is your answer reasonable? Explain.

Name _____

Date _____

Directions: Model each problem with a tape diagram. Estimate and then solve each problem. Explain if your answer is reasonable.

1. Quarterback Brett Favre passed for 71,838 yards between the years 1991 and 2011. His all-time high was 4,413 passing yards in one year. In his second highest year, he threw 4,212 passing yards.
 - a. About how many passing yards did he throw in the remaining years? Estimate by rounding each value to the nearest thousand and then compute.

 - b. Exactly how many passing yards did he throw in the remaining years?

 - c. Assess the reasonableness of your answer in (b). Use your estimate from (a) to explain.

Name _____

Date _____

Directions: Model each problem with a tape diagram. Estimate and then solve each problem. Explain if your answer is reasonable.

1. Zachary's final project for a college course took a semester to write and had 95,234 words. Zachary wrote 35,295 words the first month and 19,240 words the second month. How many words did he write during the remaining part of the semester?
 - a. Round each value to the nearest ten thousand to estimate how many words Zachary wrote during the remaining part of the semester.
 - b. Find the exact number of words written during the remaining part of the semester.
 - c. Use your answer from (a) to explain why your answer in (b) is reasonable.

2. During the first quarter of the year, 351,875 people purchased a particular app for their smartphones. During the second quarter of the year, 101,949 fewer people downloaded the app than during the first quarter. How many downloads occurred during the two quarters of the year?
- Round each number to the nearest hundred thousand to estimate how many downloads occurred during the first two quarters of the year.
 - Determine exactly how many downloads occurred during the first two quarters of the year.
 - Determine if your answer is reasonable. Explain.
3. A local store was having a two-week Back to School sale. They started the sale with 36,390 notebooks. During the first week of the sale, 7,424 notebooks were sold. During the second week of the sale, 8,967 notebooks were sold. How many notebooks were left at the end of the two weeks? Is your answer reasonable? Explain how you know using rounding.

Name _____

Date _____

Directions: Model each problem using a tape diagram. Solve using numbers and words.

1. Sean's school raised \$32,587. Leslie's school raised \$18,749. How much more money did Sean's school raise?
2. At a parade, 97,853 people sat in bleachers and 388,547 people stood along the street. How many fewer people were in the bleachers than standing on the street?
3. A pair of hippos weighed 5,201 kg together. The female weighed 2,038 kg. How much more did the male weigh than the female?
4. A copper wire was 240 m long. After 60 m was cut off, it was double the length of a steel wire. How much longer was the copper wire than the steel wire at first?

Name _____ Date _____

Directions: Estimate, then solve the following problem modeling with a tape diagram.

1. A mixture of 2 chemicals measures 1,034 ml. It contains some of Chemical A and 755 ml of Chemical B. How much less of Chemical A than Chemical B was in the mixture?

Name _____ Date _____

Directions: Model each problem using a tape diagram. Solve using numbers and words.

1. In one year the factory used 11,650 meter of cotton, 4,950 fewer meters of silk than cotton, and 3,500 fewer meters of wool than silk. How many meters in all were used of the three fabrics?
2. The shop sold 12,789 chocolate and 9,324 cookie dough cones. They sold 1,078 more peanut butter cones than cookie dough cones and 999 more vanilla cones than chocolate cones. What was the total number of ice cream cones sold?
3. In the first week of June, a restaurant sold 10,345 omelets. The second week, they sold 1,096 fewer omelets than the first week. The third week, they sold 2 thousand more than the first week. The fourth week, they sold 2 thousand fewer than the first week. How many omelets did they sell in all in June?

Name _____

Date _____

Directions: Draw a tape diagram to represent the problem. Use numbers and words to explain your thinking.

1. Park A covers an area of 4,926 square kilometers. It is 1,845 square kilometers larger than Park B. Park C is 4,006 square kilometers larger than the Park A.

a. What is the area of all three parks?

b. Assess the reasonableness of your answer.

Name _____ Date _____

Directions: Model each problem using a tape diagram. Solve using numbers and words.

1. There were 22,869 children, 49,563 men, and 2,872 more women than men at the fair. How many people were at the fair?
2. Number A is 4,676. Number B is 10,043 greater than A. Number C is 2,610 less than B. What is the total value of numbers A, B, and C?
3. A store sold a total of 21,650 balls. It sold 11,795 baseballs. It sold 4,150 fewer basketballs than baseballs. The rest of the balls sold were footballs. How many footballs did the store sell?

A

Correct _____

Write in kilometers and meters.

1	2,000 m =	km	m	23	3,800 m =	km	m
2	3,000 m =	km	m	24	4,770 m =	km	m
3	4,000 m =	km	m	25	4,807 m =	km	m
4	9,000 m =	km	m	26	5,065 m =	km	m
5	6,000 m =	km	m	27	5,040 m =	km	m
6	1,000 m =	km	m	28	6,007 m =	km	m
7	8,000 m =	km	m	29	2,003 m =	km	m
8	5,000 m =	km	m	30	1,090 m =	km	m
9	7,000 m =	km	m	31	1,055 m =	km	m
10	6,100 m =	km	m	32	9,404 m =	km	m
11	6,110 m =	km	m	33	9,330 m =	km	m
12	6,101 m =	km	m	34	3,400 m =	km	m
13	6,010 m =	km	m	35	4,000 m + 2,000 m =	km	m
14	6,011 m =	km	m	36	5,000 m + 3,000 m =	km	m
15	6,001 m =	km	m	37	4,000 m + 4,000 m =	km	m
16	8,002 m =	km	m	38	8 x 7,000 m =	km	m
17	8,020 m =	km	m	39	49,000 m ÷ 7 =	km	m
18	8,200 m =	km	m	40	16,000 m x 5 =	km	m
19	8,022 m =	km	m	41	63,000 m ÷ 7 =	km	m
20	8,220 m =	km	m	42	17 x 4,000 m =	km	m
21	8,222 m =	km	m	43	13,000 m x 5 =	km	m
22	7,256 m =	km	m	44	84,000 m ÷ 7 =	km	m

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B

Improvement _____

Correct _____

Write in kilometers and meters.

1	1,000 m =	km	m	23	2,700 m =	km	m
2	2,000 m =	km	m	24	3,660 m =	km	m
3	3,000 m =	km	m	25	3,706 m =	km	m
4	8,000 m =	km	m	26	4,095 m =	km	m
5	6,000 m =	km	m	27	4,030 m =	km	m
6	9,000 m =	km	m	28	5,006 m =	km	m
7	4,000 m =	km	m	29	3,004 m =	km	m
8	7,000 m =	km	m	30	2,010 m =	km	m
9	5,000 m =	km	m	31	2,075 m =	km	m
10	5,100 m =	km	m	32	1,504 m =	km	m
11	5,110 m =	km	m	33	1,440 m =	km	m
12	5,101 m =	km	m	34	4,500 m =	km	m
13	5,010 m =	km	m	35	3,000 m + 2,000 m =	km	m
14	5,011 m =	km	m	36	4,000 m + 3,000 m =	km	m
15	5,001 m =	km	m	37	5,000 m + 4,000 m =	km	m
16	7,002 m =	km	m	38	9 x 8,000 m =	km	m
17	7,020 m =	km	m	39	64,000 m ÷ 8 =	km	m
18	7,200 m =	km	m	40	17,000 m x 5 =	km	m
19	7,022 m =	km	m	41	54,000 m ÷ 6 =	km	m
20	7,220 m =	km	m	42	18,000 m x 4 =	km	m
21	7,222 m =	km	m	43	14 x 5,000 m =	km	m
22	4,378 m =	km	m	44	96,000 m ÷ 8 =	km	m

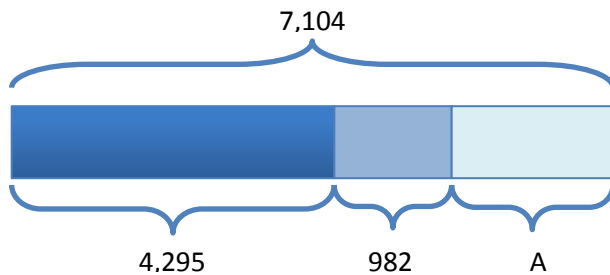
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Name _____

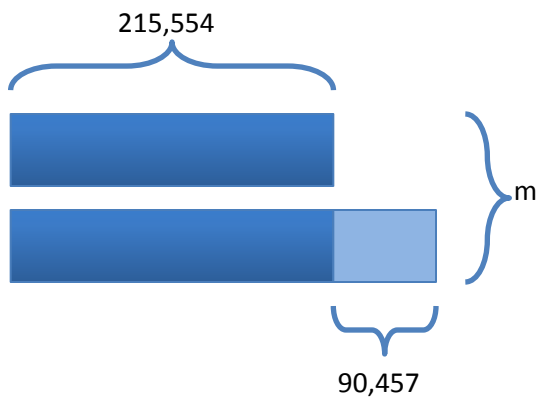
Date _____

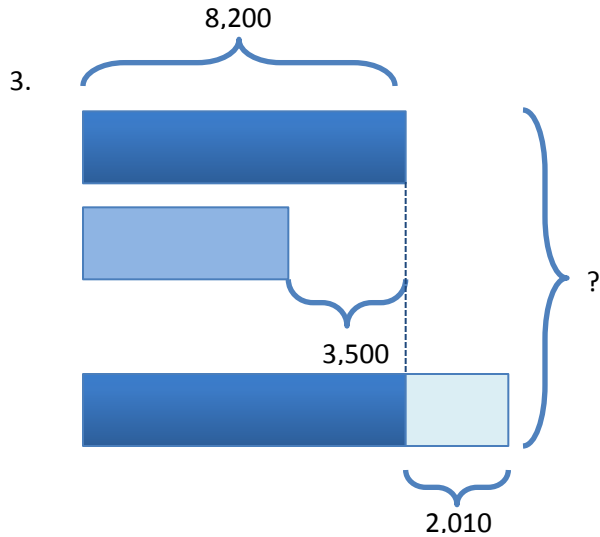
Directions: Using the diagrams below, create your own word problem and solve for the missing variable.

1.



2.





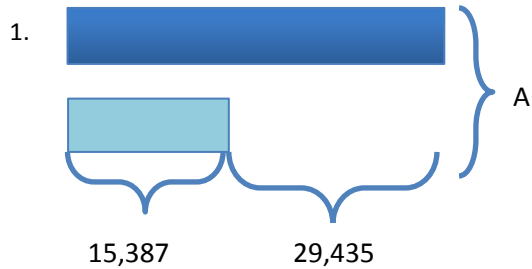
Draw a tape diagram to model the following equation. Write a word problem and solve for the unknown.

4. $26,854 = 17,729 + 3,731 + A$

Name _____

Date _____

Directions: Using the diagram below, create your own word problem and solve for the missing variable.



Directions: Using the equation below, draw a tape diagram and create your own word problem. Solve for the missing variable.

2. $248,798 = 113,205 + A + 99,937$

Name _____

Date _____

Directions: Using the diagrams below, create your own word problem to solve for the missing variable.

1. At the local botanical gardens, there are _____

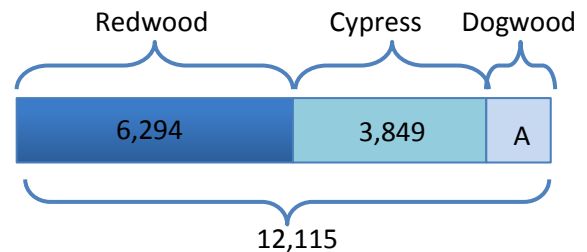
Redwoods and _____ Cypress trees.

There are a total of _____ Redwood,

Cypress, and Dogwood trees.

How many _____

_____?



2. There are 65,302 _____

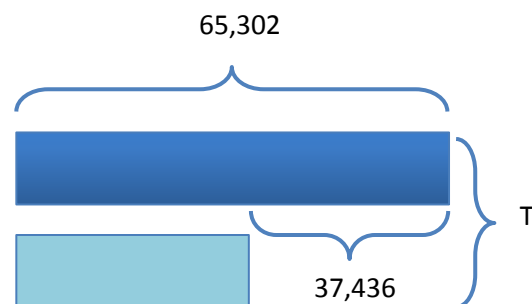
_____.

There are 37,436 fewer _____

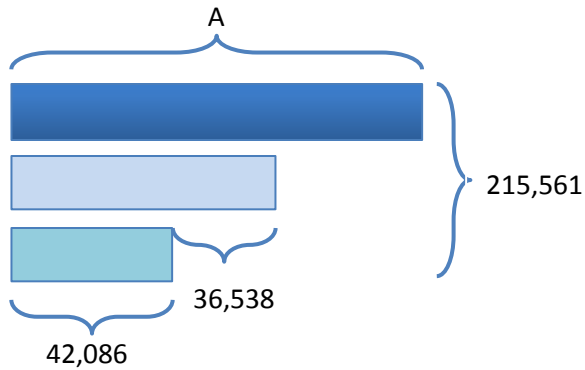
_____.

How many _____

_____?



3. Use the following tape diagram to create a word problem to solve for the missing variable.



4. Use the equation $27,894 + A + 6,892 = 40,392$ to model a tape diagram, create a word problem, and solve.