

Contents

Chapter 1 *Review of Operations*

counting, place value, addition	1–3
word problems, subtraction, place value	4–5
word problems, addition, subtraction, rounding	6–9
counting by 2s, rounding, addition, subtraction, word problems	10–11
thermometer, counting by 2s, decimal addition	12–14
calendar, decimal subtraction, newspaper ads, word problems	15–16
thermometer, counting by 2s, multiplication, division	17
newspaper ads, word problems, all operations	18–21
* a all operations	22
telling time, multiplication, thermometers	23–24
word problems, review: subtraction	25

Chapter 2 *Practice with Operations*

dominoes, multiplication, capacity, subtraction	26–29
a addition	30
review: time, dominoes, capacity, multiplication	31
addition, menu, word problems, multiplication, division	32–35
money values, price tags, all operations	36–37
newspaper ad, word problems, division	38–39
time, addition, capacity	40
multiplication, division, calendar, addition, subtraction	41–42
road signs, multiplication, division, newspaper ad	43–44
Roman numerals, multiplication, division	45

reading a map	46
word problems, subtraction, road signs, addition, multiplication	47–48
a recipe, multiplication, division	49
a recipe, subtraction	50
a recipe, addition, multiplication	51

Chapter 3 *Multiplication and Division*

multiplication, subtraction, division, money, word problems, averages	52–55
recipe, division, reading a timetable, linear measurement, multiplication	56–58
linear measurement, multiplication, subtraction, division	59–60
linear measurement, calendar, addition, multiplication, division	61–65
weight, Roman numerals, multiplication, division	66
temperature, averages, division, linear measurement	67–68
a recipe, all operations	69
road map, multiplication	70
linear measurement, subtraction, multiplication, division	71
reading prices, word problems, recipe capacity, linear measurement, all operations	72–73 74–75
time, addition, subtraction, division, multiplication	76
review: linear measurement, time, coin values	77
a subtraction, division	78
a money values, multiplication, addition, division	79
calendar, recipe, multiplication, division	80–81

Chapter 4 *Money*

linear measurement, addition, subtraction, multiplication	82
ⓐ multiplication	83
multiplication, division, time	84–85
ⓐ division	86
coin values, multiplication, division, time zones	87–92
coin values, multiplication, division, word problems	93–97
ⓐ review: linear measurement, addition, subtraction	98
ⓐ review: temperature, word problems, multiplication, division	99
ⓐ review: time, decimal addition, subtraction	100
ⓐ review: coin values, temperature, decimal multiplication, division	101
ⓐ review: time, linear measurement, averages	102

Chapter 5 *Graphing*

line graph, subtraction, multiplication, division, averaging, rounding	103–110
ⓐ all operations	111
bar graph, addition, subtraction, multiplication, division	112–114
ⓐ pictograph, multiplication, division	115–116
ⓐ bar graph, addition, subtraction	117

Chapter 6 *Fractions*

fractional parts, multiplication, division, equivalent fractions	118–121
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equivalent fractions, factor trees, multiplication, greatest common factor (GCF)	122–124
equivalent fractions, factor trees, GCF, multiplication, division	125
equivalent fractions, factor trees, GCF, simplify fractions	126
ⓐ equivalent fractions, linear measurement, addition, subtraction, simplify fractions	127–128
ⓐ fractional parts, factor trees, GCF, equivalent fractions, simplify fractions	129
addition and subtraction of like fractions, word problems	130–131
ⓐ addition and subtraction of like fractions, improper fractions, mixed numbers	132–134
time zones, addition and subtraction of fractions	135
ⓐ linear measurement, all operations	136
identify multiples, common multiples, least common multiples	137
ⓐ least common multiples, addition and subtraction of fractions	138
temperature, least common multiples, equivalent fractions, addition and subtraction of unlike fractions	139–140
ⓐ bar graph, addition and subtraction of fractions	141–142

Chapter 7 *Fractions and Money*

adding and subtracting mixed numbers	143–145
ⓐ adding and subtracting fractions, mixed numbers	146
word problems with mixed numbers	147
regrouping and subtracting mixed numbers, time zones	148–149
map word problems	150

▣ addition and subtraction, fractions and mixed numbers	151
multiplying and dividing fractions, time zones	152–155
▣ all operations, fractions and mixed numbers	156
writing checks, addition, subtraction, money word problems, division	157–162
▣ all operations	163

*▣ indicates assessment

Chapter 8 *Geometry*

lines, averages, geometric shapes	164–168
▣ shapes, lines, addition, subtraction	169
▣ shapes, multiplication, division	170
perimeter, shapes, area	171–174
triangles	175
angles, addition, subtraction	176–178
triangles, following directions	179
circles, diameter, radius, circumference	180–181
▣ lines, shapes, perimeter	182
▣ circles, area, angles	183–184



What do you think this man is doing ?

How is he doing it ?

Why does he do it this way ?

Is this man counting or adding ?

Use sticks to count the people in this room.

This is another way to count. This is a tally stick.



How do you think it works ?

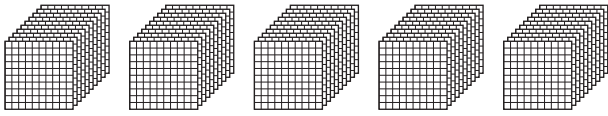
Make a tally stick.

Use it to count the people who live at your house.

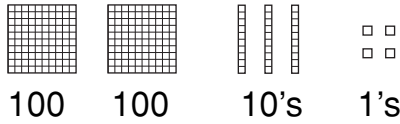
What are some other ways to count ?

place value

Five thousand, two hundred, thirty-four



1000 1000 1000 1000 1000



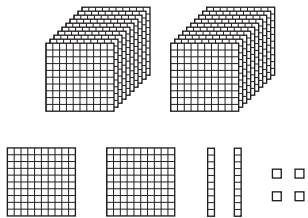
100 100 10's 1's

Thousands	Hundreds	Tens	Ones
5	2	3	4

$$5000 + 200 + 30 + 4 = 5234$$

Thousands	Hundreds	Tens	Ones

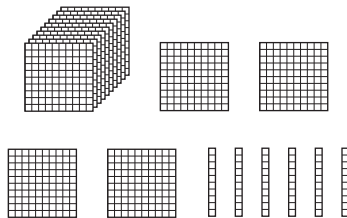
1. 3704



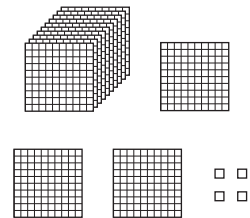
3. _____

Thousands	Hundreds	Tens	Ones

2. 1467



4. _____



5. _____

6. $3421 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

7. $4390 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

8. $6208 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

9. $2746 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

10. $6000 + 200 + 30 + 7 = \underline{\hspace{1cm}}$

11. $2000 + 10 + 7 = \underline{\hspace{1cm}}$

12. $3000 + 50 + 8 = \underline{\hspace{1cm}}$

13. $8000 + 300 + 20 + 5 = \underline{\hspace{1cm}}$

14. $7000 + 800 + 40 = \underline{\hspace{1cm}}$

15. $4000 + 100 + 7 = \underline{\hspace{1cm}}$

16. Six thousand, eight hundred, twenty-four = _____

expanded form

Add.

$$\begin{array}{r} 1. \quad 1734 \\ + 7724 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 6887 \\ + 3261 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 4268 \\ + 3297 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 6209 \\ + 3970 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 38,643 \\ + 27,238 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 323,842 \\ + 127,362 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 24,216 \\ + 18,600 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 34,392 \\ + 4,823 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 6234 \\ + 2879 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 6987 \\ + 8423 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 42,376 \\ + 1,874 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 84,376 \\ + 3,848 \\ \hline \end{array}$$

Expanded form:

In 765,432 the 7 means	7 hundred thousands	700,000
The 6 means	6 ten thousands	60,000
The 5 means	5 thousands	5,000
The 4 means	4 hundreds	400
The 3 means	3 tens	30
The 2 means	2 ones	2
		<hr/> 765,432

Expanded form: $765,432 = 700,000 + 60,000 + 5,000 + 400 + 30 + 2$.

Write these numbers in expanded form.

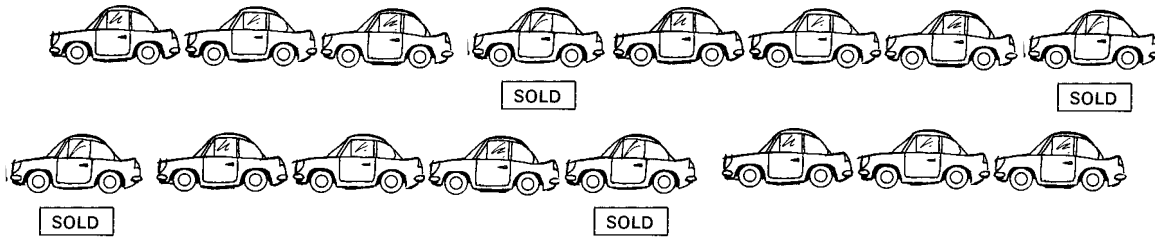
13. 938,125 _____

14. 416,942 _____

15. 196,742 _____

16. 703,847 _____

subtraction



There were 3746 cars for sale. 1672 of the cars were sold. How many are left ? _____

Last year there were 4823 cars for sale. 2506 of them were sold. How many were not sold last year ? _____

2506 cars were sold last year. But only 1672 were sold this year. How many more cars were sold last year ? _____

Subtract.

1.	$\begin{array}{r} 8042 \\ - 4853 \\ \hline \end{array}$	$\begin{array}{r} 6301 \\ - 1955 \\ \hline \end{array}$	$\begin{array}{r} 6321 \\ - 3620 \\ \hline \end{array}$	$\begin{array}{r} 6430 \\ - 6149 \\ \hline \end{array}$	$\begin{array}{r} 9000 \\ - 4330 \\ \hline \end{array}$
----	---	---	---	---	---

2.	$\begin{array}{r} 8653 \\ - 3987 \\ \hline \end{array}$	$\begin{array}{r} 5631 \\ - 4851 \\ \hline \end{array}$	$\begin{array}{r} 6897 \\ - 4997 \\ \hline \end{array}$	$\begin{array}{r} 4320 \\ - 2095 \\ \hline \end{array}$	$\begin{array}{r} 4411 \\ - 1584 \\ \hline \end{array}$
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3.	$\begin{array}{r} 8352 \\ - 3492 \\ \hline \end{array}$	$\begin{array}{r} 6780 \\ - 4994 \\ \hline \end{array}$	$\begin{array}{r} 8403 \\ - 1566 \\ \hline \end{array}$	$\begin{array}{r} 4561 \\ - 1974 \\ \hline \end{array}$	$\begin{array}{r} 2672 \\ - 1985 \\ \hline \end{array}$
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Write the numerals.

4. One million, six hundred forty-two thousand, five hundred, ten = _____

5. Ten million, four hundred sixty-three thousand, six hundred, twenty-one = _____

subtraction

Subtract.

1.	$\begin{array}{r} 306 \\ - 143 \\ \hline \end{array}$	$\begin{array}{r} 623 \\ - 475 \\ \hline \end{array}$	$\begin{array}{r} 362 \\ - 187 \\ \hline \end{array}$	$\begin{array}{r} 206 \\ - 185 \\ \hline \end{array}$	$\begin{array}{r} 309 \\ - 126 \\ \hline \end{array}$
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2.	$\begin{array}{r} \$72.84 \\ - 10.66 \\ \hline \end{array}$	$\begin{array}{r} \$53.61 \\ - 26.50 \\ \hline \end{array}$	$\begin{array}{r} \$83.21 \\ - 1.75 \\ \hline \end{array}$	$\begin{array}{r} \$64.24 \\ - 13.42 \\ \hline \end{array}$	$\begin{array}{r} \$52.39 \\ - 14.27 \\ \hline \end{array}$
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3.	$\begin{array}{r} \$14.80 \\ - 6.72 \\ \hline \end{array}$	$\begin{array}{r} \$63.27 \\ - 12.83 \\ \hline \end{array}$	$\begin{array}{r} \$67.24 \\ - 15.61 \\ \hline \end{array}$	$\begin{array}{r} \$23.42 \\ - 12.11 \\ \hline \end{array}$	$\begin{array}{r} \$70.09 \\ - 14.37 \\ \hline \end{array}$
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Write 2 subtraction problems. Solve them.