

1-15 Homework

Name _____

Date _____

Complete each table.

1

×										
	7	4	2	6	3	10	1	9	5	8
	35	20	10	30	15	50	5	45	25	40
	70	40	20	60	30	100	10	90	50	80
	42	24	12	36	18	60	6	54	30	48
	56	32	16	48	24	80	8	72	40	64
	21	12	6	18	9	30	3	27	15	24
	63	36	18	54	27	90	9	81	45	72
	14	8	4	12	6	20	2	18	10	16
	49	28	14	42	21	70	7	63	35	56
	28	16	8	24	12	40	4	36	20	32

2

×										
	40		50		25	35		10		45
	48	18		6	30		24		36	54
	80	30		10		70	40	20		90
	32	12		4	20	28		8	24	
	24	9	30			21	12		18	27
	72		90		45		36	18	54	81
		6	20	2		14	8	4	12	18
		24		8		56	32	16		72
	8		10		5	7	4	2	6	
	56	21	70		35	49		14	42	

3

×										
	20		25		50	40		10		5
	16	36		12		32	28		24	4
		81	45	27	90			18		9
	4	9			10		7	2	6	
	12		15	9		24	21		18	3
		90	50	30		80		20		
	32	72		24	80		56		48	8
		63	35			56	49	14		7
		18		6	20	16		4	12	
	24		30	18	60		42	12	36	

4

×										
	15		40		5	20		50	35	
	27	81		18			45		63	
	3		8		1	4	5	10		6
		27	24		3		15		21	18
	30	90		20			50	100		
	18			12		24		60	42	36
		18	16		2		10		14	12
			56		7			70		42
	12	36		8		16	20		28	24
	24		64	16	8	32	40	80		48

1-15 Remembering

Name _____

Date _____

Compare using $>$, $<$, or $=$.

1 $43,120 \bigcirc 43,012$

2 $32,129 \bigcirc 32,192$

3 $329,353 \bigcirc 329,535$

4 $1,209 \bigcirc 1,290$

5 $78,832 \bigcirc 71,132$

6 $100,000 \bigcirc 1,000,000$

Round to the nearest ten thousand.

7 $971,456$

8 $428,377$

9 $732,530$

Round to the nearest hundred thousand.

10 $5,847,692$

11 $9,722,434$

12 $4,500,874$

13 **Stretch Your Thinking**
Complete the table.

×	3				4			
6							28	24
						16	72	
				5	4			
			5	50				
	80	30						
							42	36
						4	18	
				15	12			
9			7	70				
	72	27						

1-16 Homework

Name _____

Date _____

Use the multiplication table at the right.

- 1 What pattern do you see in the 10s count-bys?

- 2 How do the 9s count-bys relate to the 10s count-bys in the next row?

- 3 What is the sum of the digits of each number in the 9s count-bys?

- 4 Are the ones digits in the 2s, 4s, 6s, and 8s count-bys odd or even?

- 5 Which count-bys are double of another count-bys? Name the count-bys.

- 6 What are the square numbers in the multiplication table?

- 7 Explain why the number 25 is a square number.

×	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

Add or subtract.

$$\begin{array}{r} 1 \quad 766,892 \\ - 525,892 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 414,621 \\ + 542,931 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 496,298 \\ + 293,986 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 491,546 \\ + 181,482 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 874,917 \\ - 106,642 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad 367,984 \\ + 438,194 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 173,350 \\ - 24,477 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \quad 514,781 \\ + 95,477 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \quad 269,360 \\ + 771,531 \\ \hline \end{array}$$

Solve each problem.

- 10 Managers at the grocery store bought 798 pounds of apples, 321 pounds of oranges, and 112 pounds of bananas. How many more pounds of apples did they order than oranges and bananas altogether?

- 11 The high school drama club had a performance on Friday when 395 people came. On Saturday, there were 274 people, and the last show on Sunday had 249 people. How many people saw the show altogether?

- 12 **Stretch Your Thinking** Describe how you can use patterns in the multiplication table to remember multiplications.

1-17 Homework

Name _____

Date _____

Write the rule and then complete each table.

1 Rule: _____

Input	Output
3	9
_____	21
5	15
6	_____
_____	27
4	_____

2 Rule: _____

Input	Output
30	5
18	3
6	_____
_____	6
42	_____
_____	2

3 Rule: _____

Input	Output
36	4
_____	7
18	_____
_____	6
81	_____
27	3

4 Rule: _____

Input	Output
3	_____
7	56
9	72
_____	64
_____	40
4	_____

5 Rule: _____

Input	Output
7	_____
3	27
_____	36
6	54
9	_____
_____	45

6 Rule: _____

Input	Output
20	5
_____	3
32	8
16	_____
28	_____
_____	6

Read and write each number in expanded form.

① 574,221 _____

② 265,288 _____

③ 168,724 _____

Read and write each number in word form.

④ 599,150 _____

⑤ 30,701 _____

⑥ 864,119 _____

Read and write each number in expanded form.

⑦ seven hundred sixty-nine thousand, seven hundred sixty

⑧ four hundred eleven thousand, three hundred seventy-six

⑨ seventy-one thousand, six hundred thirty-one

⑩ **Stretch Your Thinking** Write a rule, then complete the table.

Rule: _____	
Input	Output
3	21
_____	42
_____	_____
9	_____

1-18 Homework

Name _____

Date _____

Complete each Unknown Number Puzzle.

1

×	6	2	
	24		28
9		18	63
	18		21

2

×		2	
5	20		45
3			27
	28	14	63

3

×	5	8	7
10		80	
4	20		28
2	10	16	14

4

×		4	
	63		27
7	49		
	28	16	12

5

×	7		3
8		40	
	21	15	
	35	25	15

6

×	8		
9		54	36
	40	30	20
6			24

7

×	7		8
7		42	
	35	30	40
	28	24	

8

×	4	2	
		16	
9	36	18	
2	8	4	16

9

×			9
7	35	21	
10	50	30	
	25		45

10

×		8	
		72	63
2	6		14
	15	40	

11

×			3
	24	54	18
	20		15
8		72	

12

×	2		
4		40	
	18	90	45
		30	

Add or subtract.

① $6,755 - 577$

② $7,394 - 1,239$

③ $4,381 + 27$

④ $6,398 + 1,012$

Answer each question about the information in the table.

State	Area (square miles)
Alaska	665,384
Arizona	113,990
California	163,694
Colorado	104,093
Montana	147,039
Nevada	110,571
New Mexico	121,590
Texas	268,596

- ⑤ What is the total area of New Mexico and Montana?
-
- _____

- ⑥ Which two states have the greatest area? What is the sum of their areas?
-
- _____

- ⑦ Which is greater: the area of Alaska or the total area of Texas and California?
-
- _____

- ⑧ How much greater is the area of Nevada than the area of Colorado?
-
- _____

- ⑨
- Stretch Your Thinking**
- Complete the Unknown Number Puzzle.

×			
3	27		
	36	8	
		14	28