

Chelsea Third Grade

Summer Vacation
Math Homework

Tercer Grado de Chelsea

Tareas de Matemáticas
de Vacaciones de Verano

*Complete 1 page each week during the summer.
Return this packet completed to your new
teacher on the first day of school.*

*Complete 1 página cada semana durante el verano.
Devuelva este paquete completado a su maestra
nueva en el primer día de clases.*



Name/Nombre _____

School/Escuela _____

Additional Math Practice Websites

Math Playground



mathplayground.com

PBS Kids



pbskids.org/games/math/

Bedtime Math



bedtimemath.org

Greg Tang Math Games



<https://tangmath.com/games>

Adding and Regrouping Ones

Name: _____

**The answers are mixed up at the bottom of the page.
Cross out the answers as you complete the problems.**

$$\begin{array}{r} \mathbf{1} \quad 635 \\ + 321 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{2} \quad 439 \\ + 154 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{3} \quad 336 \\ + 123 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{4} \quad 825 \\ + 166 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{5} \quad 512 \\ + 336 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{6} \quad 246 \\ + 348 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{7} \quad 772 \\ + 109 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{8} \quad 347 \\ + 314 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{9} \quad 483 \\ + 208 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{10} \quad 225 \\ + 224 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{11} \quad 548 \\ + 406 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{12} \quad 475 \\ + 515 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{13} \quad 273 \\ + 211 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{14} \quad 728 \\ + 253 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{15} \quad 627 \\ + 263 \\ \hline \end{array}$$

Answers:

449

594

881

956

691

484

661

890

991

593

954

848

990

459

981

Regrouping Tens to Ones

Name: _____

Circle all the problems where you must regroup a ten to subtract the ones. Then find the differences of only the problems you circled.

1
$$\begin{array}{r} 875 \\ - 646 \\ \hline 229 \end{array}$$

2
$$\begin{array}{r} 478 \\ - 226 \\ \hline \end{array}$$

3
$$\begin{array}{r} 692 \\ - 437 \\ \hline \end{array}$$

4
$$\begin{array}{r} 345 \\ - 224 \\ \hline \end{array}$$

5
$$\begin{array}{r} 761 \\ - 338 \\ \hline \end{array}$$

6
$$\begin{array}{r} 514 \\ - 402 \\ \hline \end{array}$$

7
$$\begin{array}{r} 953 \\ - 821 \\ \hline \end{array}$$

8
$$\begin{array}{r} 474 \\ - 156 \\ \hline \end{array}$$

9
$$\begin{array}{r} 320 \\ - 210 \\ \hline \end{array}$$

10
$$\begin{array}{r} 663 \\ - 425 \\ \hline \end{array}$$

11
$$\begin{array}{r} 619 \\ - 308 \\ \hline \end{array}$$

12
$$\begin{array}{r} 847 \\ - 628 \\ \hline \end{array}$$

13
$$\begin{array}{r} 736 \\ - 517 \\ \hline \end{array}$$

14
$$\begin{array}{r} 563 \\ - 249 \\ \hline \end{array}$$

15
$$\begin{array}{r} 375 \\ - 163 \\ \hline \end{array}$$

16 How can you tell by looking at the problem if you need to regroup a ten to subtract the ones?

Understanding of Multiplication Models

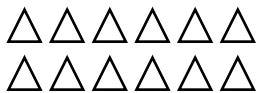
Name: _____

- 1** Show 3×5 by drawing equal groups of 5.

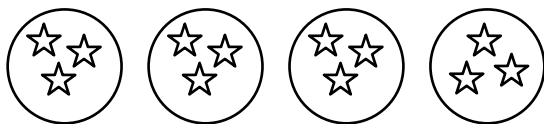
Show 3×5 by drawing an array.

Complete the equation. $3 \times 5 =$ _____

- 2** Write an equation that matches the array.



- 3** Write an equation that matches the picture.



- 4** Use words to describe the drawing for problem 3.

Multiplying with 2, 5, and 10

Name: _____

Multiply.

1 $5 \times 2 =$ _____ **2** $2 \times 5 =$ _____ **3** $2 \times 10 =$ _____ **4** $10 \times 2 =$ _____

5 $10 \times 5 =$ _____ **6** $5 \times 10 =$ _____ **7** $6 \times 2 =$ _____ **8** $2 \times 6 =$ _____

9 $3 \times 10 =$ _____ **10** $10 \times 3 =$ _____ **11** $7 \times 2 =$ _____ **12** $2 \times 7 =$ _____

13 $4 \times 10 =$ _____ **14** $10 \times 4 =$ _____ **15** $5 \times 4 =$ _____ **16** $4 \times 5 =$ _____

17 $2 \times 2 =$ _____ **18** $5 \times 5 =$ _____ **19** $10 \times 10 =$ _____

20 What patterns do you notice in the problems? Explain.

21 Draw a model to show how you solved one of the problems.

Multiplying with 4

Name: _____

Multiply.

1 $2 \times 4 =$ _____ **2** $3 \times 4 =$ _____ **3** $10 \times 4 =$ _____ **4** $5 \times 4 =$ _____

5 $7 \times 4 =$ _____ **6** $6 \times 4 =$ _____ **7** $8 \times 4 =$ _____ **8** $9 \times 4 =$ _____

9 $1 \times 4 =$ _____ **10** $4 \times 5 =$ _____ **11** $0 \times 4 =$ _____ **12** $4 \times 10 =$ _____

13 $4 \times 3 =$ _____ **14** $4 \times 2 =$ _____ **15** $4 \times 1 =$ _____ **16** $4 \times 4 =$ _____

17 Tell what strategy you used to solve 6×4 .

18 Draw a model to show how you solved one of the problems.

Multiplying with 6

Name: _____

Multiply.

1 $5 \times 6 =$ _____ **2** $3 \times 6 =$ _____ **3** $10 \times 6 =$ _____ **4** $2 \times 6 =$ _____

5 $7 \times 6 =$ _____ **6** $4 \times 6 =$ _____ **7** $8 \times 6 =$ _____ **8** $1 \times 6 =$ _____

9 $9 \times 6 =$ _____ **10** $6 \times 5 =$ _____ **11** $0 \times 6 =$ _____ **12** $6 \times 10 =$ _____

13 $6 \times 3 =$ _____ **14** $6 \times 2 =$ _____ **15** $6 \times 5 =$ _____ **16** $6 \times 6 =$ _____

17 Tell a strategy you can use to show 5×6 .

18 Explain how problem 2 and problem 13 are related.

Multiplying with 7

Name: _____

The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1 $3 \times 7 =$ _____

2 $6 \times 7 =$ _____

3 $8 \times 7 =$ _____

4 $2 \times 7 =$ _____

5 $9 \times 7 =$ _____

6 $1 \times 7 =$ _____

7 $7 \times 0 =$ _____

8 $10 \times 7 =$ _____

9 $4 \times 7 =$ _____

10 $5 \times 7 =$ _____

11 $7 \times 3 =$ _____

12 $0 \times 7 =$ _____

13 $7 \times 2 =$ _____

14 $7 \times 10 =$ _____

15 $7 \times 4 =$ _____

16 $7 \times 1 =$ _____

17 $7 \times 5 =$ _____

18 $7 \times 7 =$ _____

Answers

14	63	35	70	0	42
7	28	14	21	56	21
28	0	70	49	35	7

Multiplying with 8

Name: _____

The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1 $2 \times 8 =$ _____

2 $6 \times 8 =$ _____

3 $7 \times 8 =$ _____

4 $3 \times 8 =$ _____

5 $9 \times 8 =$ _____

6 $1 \times 8 =$ _____

7 $0 \times 8 =$ _____

8 $10 \times 8 =$ _____

9 $4 \times 8 =$ _____

10 $5 \times 8 =$ _____

11 $8 \times 3 =$ _____

12 $8 \times 0 =$ _____

13 $8 \times 2 =$ _____

14 $8 \times 10 =$ _____

15 $8 \times 4 =$ _____

16 $8 \times 7 =$ _____

17 $8 \times 5 =$ _____

18 $8 \times 8 =$ _____

Answers

64	40	48	8	0	56
72	80	24	32	16	32
24	0	80	40	56	16

Multiplying with 9

Name: _____

The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1 $1 \times 9 =$ _____

2 $6 \times 9 =$ _____

3 $7 \times 9 =$ _____

4 $2 \times 9 =$ _____

5 $8 \times 9 =$ _____

6 $3 \times 9 =$ _____

7 $0 \times 9 =$ _____

8 $10 \times 9 =$ _____

9 $4 \times 9 =$ _____

10 $5 \times 9 =$ _____

11 $9 \times 3 =$ _____

12 $9 \times 8 =$ _____

13 $9 \times 2 =$ _____

14 $9 \times 10 =$ _____

15 $9 \times 4 =$ _____

16 $9 \times 7 =$ _____

17 $9 \times 5 =$ _____

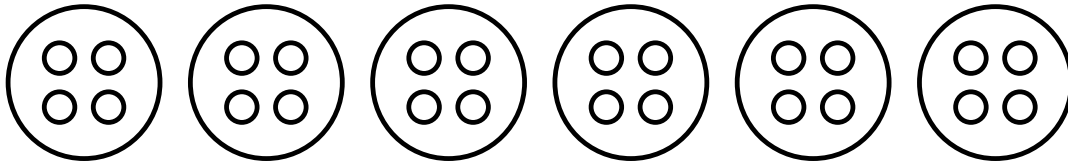
18 $9 \times 9 =$ _____

Answers

63	45	18	81	90	36
72	54	27	36	72	63
90	0	18	9	27	45

Understanding of How Multiplication and Division Are Connected

Name: _____



- 1** There are 24 marbles. Each bag has 4 marbles.

Write an equation that shows the number of bags.

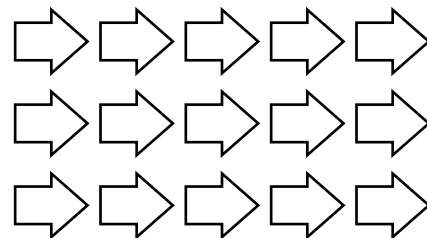
- 2** There are 24 marbles. An equal number of marbles are in 6 bags.

Write an equation that shows the number of marbles in each bag.

- 3** There are 6 bags of marbles. 4 marbles are in each bag.

Write two different equations that show the total number of marbles.

- 4** Write 2 multiplication equations and 2 division equations for this array.



Find the value of ? to complete each fact.

5 $6 \times ? = 48$

$48 \div 6 = ?$

$? =$ _____

6 $? \times 5 = 45$

$45 \div ? = 5$

$? =$ _____

7 $63 \div 9 = ?$

$? \times 9 = 63$

$? =$ _____

8 $32 \div ? = 8$

$8 \times ? = 32$

$? =$ _____

Using a Multiplication Table

Name: _____

×	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

Write the missing numbers in the boxes to make each multiplication or division problem true.

$5 \times 7 = \square$

$32 \div 8 = \square$

$4 \times 7 = \square$

$27 \div \square = 9$

$\square \div 5 = 7$

$8 \times \square = 32$

$\square \div 4 = 7$

$9 \times \square = 27$

$4 \times 4 = \square$

$9 \times 6 = \square$

$6 \times 6 = \square$

$81 \div \square = 9$

$\square \div 4 = 4$

$54 \div \square = 6$

$63 \div \square = 9$

$40 \div 8 = \square$

$\square \div 8 = 6$

$56 \div \square = 8$

$45 \div 5 = \square$

$\square \div 7 = 7$

1 Write 3 possible answers for the equation $36 \div \square = \square$.