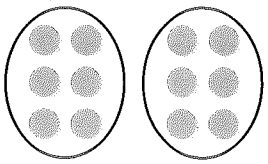
Name _____

Divide by 2

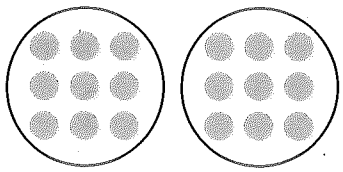
COMMON CORE STANDARD CC.3.OA.3

Represent and solve problems involving multiplication and division.

Write a division equation for the picture.

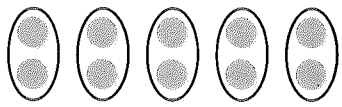
1. 

$12 \div 2 = 6$ or $12 \div 6 = 2$

2. 

_____

_____

3. 

_____

_____

Find the quotient. You may want to draw a quick picture to help.

4. _____ $= 14 \div 2$

5. _____ $= 4 \div 2$

6. $16 \div 2 =$ _____

7. $2\overline{)18}$

8. $2\overline{)12}$

9. $2\overline{)14}$

Problem Solving REAL WORLD

10. Mr. Reynolds, the gym teacher, divided a class of 16 students into 2 equal teams. How many students were on each team?

_____

11. Sandra has 10 books. She divides them into groups of 2 each. How many groups can she make?

_____

Name _____

Divide by 10

COMMON CORE STANDARD CC.3.OA.7
Multiply and divide within 100.

Find the unknown factor and quotient.

1. $10 \times \underline{2} = 20$ $\quad 20 \div 10 = \underline{2}$

2. $10 \times \_\_\_\_ = 70$ $\quad 70 \div 10 = \_\_\_\_$

3. $10 \times \_\_\_\_ = 80$ $\quad 80 \div 10 = \_\_\_\_$

4. $10 \times \_\_\_\_ = 30$ $\quad 30 \div 10 = \_\_\_\_$

Find the quotient.

5. $60 \div 10 = \_\_\_\_$

6. $\_\_\_\_ = 40 \div 4$

7. $20 \div 2 = \_\_\_\_$

8. $50 \div 10 = \_\_\_\_$

9. $90 \div 10 = \_\_\_\_$

10. $10 \div 10 = \_\_\_\_$

11. $\_\_\_\_ = 30 \div 10$

12. $40 \div 10 = \_\_\_\_$

13. $10\overline{)40}$

14. $10\overline{)70}$

15. $10\overline{)100}$

16. $10\overline{)20}$

Problem Solving REAL WORLD

17. Pencils cost 10¢ each. How many pencils can Brent buy with 90¢?

_____

18. Mrs. Marks wants to buy 80 pens. If the pens come in packs of 10, how many packs does she need to buy?

_____

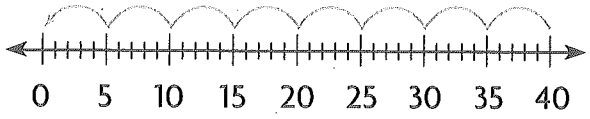
Name _____

Divide by 5

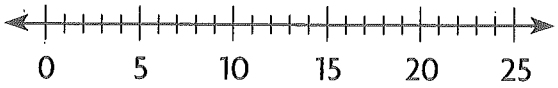
COMMON CORE STANDARD CC.3.OA.3
Represent and solve problems involving multiplication and division.

Use count up or count back on a number line to solve.

1. $40 \div 5 =$ 8



2. $25 \div 5 =$ ____



Find the quotient.

3. ____ $= 10 \div 5$	4. ____ $= 30 \div 5$	5. $14 \div 2 =$ ____	6. $5 \div 5 =$ ____
7. $45 \div 5 =$ ____	8. ____ $= 60 \div 10$	9. ____ $= 15 \div 5$	10. $18 \div 2 =$ ____
11. ____ $= 0 \div 5$	12. $20 \div 5 =$ ____	13. $25 \div 5 =$ ____	14. ____ $= 35 \div 5$
15. $5\overline{)20}$	16. $10\overline{)70}$	17. $5\overline{)15}$	18. $5\overline{)40}$

Problem Solving REAL WORLD

19. A model car maker puts 5 wheels in each kit. A machine makes 30 wheels at a time. How many packages of 5 wheels can be made from the 30 wheels?

_____

20. A doll maker puts a small bag with 5 hair ribbons inside each box with a doll. How many bags of 5 hair ribbons can be made from 45 hair ribbons?

_____

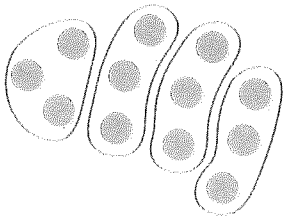
Name _____

Divide by 3

COMMON CORE STANDARD CC.3.OA.7
Multiply and divide within 100.

Find the quotient. Draw a quick picture to help.

1. $12 \div 3 =$ 4



2. $24 \div 3 =$ ___

3. ___ $= 6 \div 3$

4. $40 \div 5 =$ ___

Find the quotient.

5. ___ $= 15 \div 3$

6. ___ $= 21 \div 3$

7. $16 \div 2 =$ ___

8. $27 \div 3 =$ ___

9. $0 \div 3 =$ ___

10. $9 \div 3 =$ ___

11. ___ $= 30 \div 3$

12. ___ $= 12 \div 4$

13. $3\overline{)12}$

14. $3\overline{)15}$

15. $3\overline{)24}$

16. $3\overline{)9}$

Problem Solving REAL WORLD

17. The principal at Miller Street School has 12 packs of new pencils. She will give 3 packs to each third-grade class. How many third-grade classes are there?

_____

18. Mike has $21 to spend at the mall. He spends all of his money on bracelets for his sisters. Bracelets cost $3 each. How many bracelets does he buy?

_____

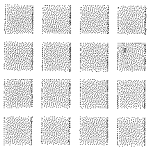
Name _____

Divide by 4

COMMON CORE STANDARD CC.3.OA.7
Multiply and divide within 100.

Draw tiles to make an array. Find the quotient.

1. $\underline{4} = 16 \div 4$



2. $20 \div 4 = \_\_\_\_$

3. $12 \div 4 = \_\_\_\_$

4. $10 \div 2 = \_\_\_\_$

Find the quotient.

5. $24 \div 3 = \_\_\_\_$

6. $\_\_\_\_ = 8 \div 2$

7. $32 \div 4 = \_\_\_\_$

8. $\_\_\_\_ = 28 \div 4$

9. $4\overline{)36}$

10. $4\overline{)8}$

11. $4\overline{)24}$

12. $3\overline{)30}$

Find the unknown number.

13. $20 \div 5 = a$

$a = \_\_\_\_$

14. $32 \div 4 = p$

$p = \_\_\_\_$

15. $40 \div 10 = \square$

$\square = \_\_\_\_$

16. $18 \div 3 = x$

$x = \_\_\_\_$

Problem Solving REAL WORLD

17. Ms. Higgins has 28 students in her gym class. She puts them in 4 equal groups. How many students are in each group?

_____

18. Andy has 36 CDs. He buys a case that holds 4 CDs in each section. How many sections can he fill?

_____

Name _____

Divide by 6

COMMON CORE STANDARD CC.3.OA.7
Multiply and divide within 100.

Find the unknown factor and quotient.

1. $6 \times \underline{7} = 42$ $42 \div 6 = \underline{7}$

2. $6 \times \_\_\_\_ = 18$ $18 \div 6 = \_\_\_\_$

3. $4 \times \_\_\_\_ = 24$ $24 \div 4 = \_\_\_\_$

4. $6 \times \_\_\_\_ = 54$ $54 \div 6 = \_\_\_\_$

Find the quotient.

5. $\_\_\_\_ = 24 \div 6$

6. $48 \div 6 = \_\_\_\_$

7. $\_\_\_\_ = 6 \div 6$

8. $12 \div 6 = \_\_\_\_$

9. $6\overline{)36}$

10. $6\overline{)54}$

11. $6\overline{)30}$

12. $1\overline{)6}$

Find the unknown number.

13. $p = 42 \div 6$

$p = \_\_\_\_$

14. $18 \div 3 = q$

$q = \_\_\_\_$

15. $r = 30 \div 6$

$r = \_\_\_\_$

16. $60 \div 6 = s$

$s = \_\_\_\_$

Problem Solving REAL WORLD

17. Lucas has 36 pages of a book left to read. If he reads 6 pages a day, how many days will it take Lucas to finish the book?

_____

18. Juan has $24 to spend at the bookstore. If books cost $6 each, how many books can he buy?

_____

Name _____

Divide by 7

COMMON CORE STANDARD CC.3.OA.7
Multiply and divide within 100.

Find the unknown factor and quotient.

1. $7 \times \underline{6} = 42$ $42 \div 7 = \underline{6}$

2. $7 \times \_\_\_\_ = 35$ $35 \div 7 = \_\_\_\_$

3. $7 \times \_\_\_\_ = 7$ $7 \div 7 = \_\_\_\_$

4. $5 \times \_\_\_\_ = 20$ $20 \div 5 = \_\_\_\_$

Find the quotient.

5. $7\overline{)21}$

6. $7\overline{)14}$

7. $6\overline{)48}$

8. $7\overline{)63}$

9. $\_\_\_\_ = 35 \div 7$

10. $0 \div 7 = \_\_\_\_$

11. $\_\_\_\_ = 56 \div 7$

12. $32 \div 8 = \_\_\_\_$

Find the unknown number.

13. $56 \div 7 = e$
$e = \_\_\_\_$

14. $k = 32 \div 4$
$k = \_\_\_\_$

15. $g = 49 \div 7$
$g = \_\_\_\_$

16. $28 \div 7 = s$
$s = \_\_\_\_$

Problem Solving REAL WORLD

17. Twenty-eight players sign up for basketball. The coach puts 7 players on each team. How many teams are there?

_____

18. Roberto read 42 books over 7 months. He read the same number of books each month. How many books did Roberto read each month?

_____

Name _____

Divide by 8

COMMON CORE STANDARD CC.3.OA.4
Represent and solve problems involving multiplication and division.

Find the unknown factor and quotient.

1. $8 \times \underline{4} = 32$ $32 \div 8 = \_\_\_\_$

2. $3 \times \_\_\_\_ = 27$ $27 \div 3 = \_\_\_\_$

3. $8 \times \_\_\_\_ = 8$ $8 \div 8 = \_\_\_\_$

4. $8 \times \_\_\_\_ = 72$ $72 \div 8 = \_\_\_\_$

Find the quotient.

5. $\_\_\_\_ = 24 \div 8$

6. $40 \div 8 = \_\_\_\_$

7. $\_\_\_\_ = 56 \div 8$

8. $14 \div 2 = \_\_\_\_$

9. $8\overline{)64}$

10. $7\overline{)28}$

11. $8\overline{)16}$

12. $8\overline{)48}$

Find the unknown number.

13. $16 \div p = 8$

$p = \_\_\_\_$

14. $25 \div \square = 5$

$\square = \_\_\_\_$

15. $24 \div a = 3$

$a = \_\_\_\_$

16. $k \div 10 = 8$

$k = \_\_\_\_$

Problem Solving REAL WORLD

17. Sixty-four students are going on a field trip. There is 1 adult for every 8 students. How many adults are there?

_____

18. Mr. Chen spends $32 for tickets to a play. If the tickets cost $8 each, how many tickets does Mr. Chen buy?

_____

Name _____

Divide by 9

COMMON CORE STANDARD CC.3.OA.7
Multiply and divide within 100.

Find the quotient.

1. $\underline{4} = 36 \div 9$
2. $30 \div 6 = \_\_\_\_$
3. $\_\_\_\_ = 81 \div 9$
4. $27 \div 9 = \_\_\_\_$
5. $9 \div 9 = \_\_\_\_$
6. $\_\_\_\_ = 63 \div 7$
7. $36 \div 6 = \_\_\_\_$
8. $\_\_\_\_ = 90 \div 9$
9. $9\overline{)63}$
10. $9\overline{)18}$
11. $7\overline{)49}$
12. $9\overline{)45}$

Find the unknown number.

13. $48 \div 8 = g$; $g = \_\_\_\_$
14. $s = 72 \div 9$; $s = \_\_\_\_$
15. $m = 0 \div 9$; $m = \_\_\_\_$
16. $54 \div 9 = n$; $n = \_\_\_\_$

Problem Solving REAL WORLD

17. A crate of oranges has trays inside that hold 9 oranges each. There are 72 oranges in the crate. If all trays are filled, how many trays are there?

_____

18. Van has 45 new baseball cards. He puts them in a binder that holds 9 cards on each page. How many pages does he fill?

_____

Name _____

Order of Operations

COMMON CORE STANDARD CC.3.OA.8
Solve problems involving the four operations, and identify and explain patterns in arithmetic.

Write *correct* if the operations are listed in the correct order. If not correct, write the correct order of operations.

1. $45 - 3 \times 5$ subtract, multiply

multiply, subtract

2. $3 \times 4 \div 2$ divide, multiply

_____

3. $5 + 12 \div 2$ divide, add

_____

4. $7 \times 10 + 3$ add, multiply

_____

Follow the order of operations to find the unknown number.

5. $6 + 4 \times 3 = n$

$n =$ _____

6. $8 - 3 + 2 = k$

$k =$ _____

7. $24 \div 3 + 5 = p$

$p =$ _____

8. $12 - 2 \times 5 = r$

$r =$ _____

9. $7 \times 8 - 6 = j$

$j =$ _____

10. $4 + 3 \times 9 = w$

$w =$ _____

Problem Solving REAL WORLD

11. Shelley bought 3 kites for $6 each. She gave the clerk $20. How much change should Shelley get?

_____

12. Tim has 5 apples and 3 bags with 8 apples in each bag. How many apples does Tim have in all?

_____

Name _____

COMMON CORE STANDARDS CC.3.OA.3, CC.3.OA.4, CC.3.OA.7, CC.3.OA.8

Chapter 7 Extra Practice

Lessons 7.1 - 7.2

Find the quotient. You may want to draw a quick picture to help.

1. $8 \div 2 =$ ____
2. ____ $= 14 \div 2$
3. $18 \div 2 =$ ____
4. ____ $= 12 \div 2$
5. $70 \div 10 =$ ____
6. $50 \div 10 =$ ____
7. $40 \div 10 =$ ____
8. $90 \div 10 =$ ____

Lessons 7.3 - 7.4

Find the quotient.

1. $15 \div 5 =$ ____
2. ____ $= 45 \div 5$
3. ____ $= 10 \div 5$
4. $40 \div 5 =$ ____
5. $6 \div 3 =$ ____
6. ____ $= 21 \div 3$
7. ____ $= 24 \div 3$
8. ____ $= 18 \div 3$

9. There are 30 balloons arranged in 6 equal groups. How many balloons are in each group?

_____

10. Mr. Song spends $27 on sports drinks. Each bottle costs $3. How many bottles does Mr. Song buy?

_____

Lesson 7.5

Find the quotient.

1. $28 \div 4 =$ ____
2. ____ $= 16 \div 4$
3. ____ $= 20 \div 4$
4. ____ $= 32 \div 4$
5. $4\overline{)36}$
6. $4\overline{)12}$
7. $4\overline{)24}$
8. $4\overline{)4}$

Find the unknown number.

9. $a = 40 \div 4$

   $a =$ ____

10. $0 \div 4 = b$

    $b =$ ____

11. $c = 36 \div 4$

    $c =$ ____

12. $8 \div 4 = d$

    $d =$ ____