

Lesson 2

Divide by 3

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MY Homework

Chuck and his 2 brothers read 12 books about the solar system. Each boy read the same number of books. How many books did each boy read? Find the unknown quotient.

You need to find $12 \div 3$, or $3\overline{)12}$.

Use the multiplication table.

Find row 3. Circle the divisor.

Move across row 3 to 12. Circle the dividend.

Move straight up the column to 4. Circle the quotient.

So, $12 \div 3 = 4$. Each boy read 4 books.

10

Practice

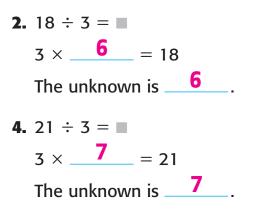
Algebra Use a related multiplication fact to find the unknown.

1.
$$30 \div 3 = \blacksquare$$

 $3 \times _10 = 30$
The unknown is ____

3.
$$15 \div 3 = \blacksquare$$

 $3 \times 5 = 15$
The unknown is 5



0	0	0	0	Ø	0	0
0	1	2	3	4	5	6
0	2	4	6	8	10	12
0	3	6	-9	12	15	18
0	4	8	12	16	20	24
0	5	10	15	20	25	30
	0 0 0 0	0 1 0 2 0 3 0 4	0 1 2 0 2 4 0 3 6 0 4 8	0 1 2 3 0 2 4 6 0 3 6 9 0 4 8 12	0 1 2 3 4 0 2 4 6 8 0 3 6 9 12 0 4 8 12 16	0 1 2 3 4 5 0 2 4 6 8 10 0 3 6 9 12 15 0 4 8 12 16

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Use the multiplication table to divide.

5. 24 ÷ 3 = **6.** 9 ÷ 3 = **7.** 27 ÷ 3 = ____**8.** $3 \div 3 =$

9. 18 ÷ 3 = 6

X	0	1	2	3	4	5	6	7	8	9	10
0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10
2	0	2	4	6	8	10	12	14	16	18	20
3	0	3	6	9	12	15	18	21	24	27	30
4	0	4	8	12	16	20	24	28	32	36	40
5	0	5	10	15	20	25	30	35	40	45	50
6	0	6	12	18	24	30	36	42	48	54	60
7	0	7	14	21	28	35	42	49	56	63	70
8	0	8	16	24	32	40	48	56	64	72	80
9	0	9	18	27	36	45	54	63	72	81	90
10	0	10	20	30	40	50	60	70	80	90	100



Problem Solving

10. Alana mailed 6 letters in 3 different mailboxes. She put the same number of letters in each mailbox. How many letters did Alana put in each mailbox?

2 letters

11. PRACTICE Use Number Sense Ms. Banks divides 18 basketballs evenly among 3 bags. For class, she takes 2 basketballs from each bag. How many basketballs are left in one of the bags?

4 basketballs



Test Practice

- 12. Elyse served herself and 2 friends 24 ounces of juice. She poured the same amount of juice in each glass. How many ounces of juice were in each glass?
 - (A) 22 ounces
- 6 8 ounces
- (B) 12 ounces
 - O 6 ounces