

MY Homework

Lesson 1

Patterns in the Multiplication Table

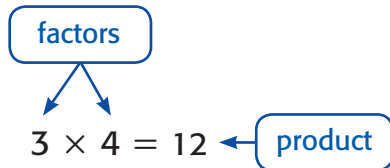
Homework Helper



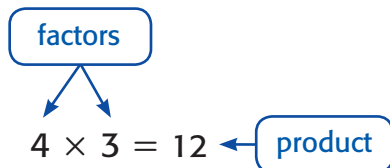
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Find the product of 3×4 .

- 1 Find 3 in the far left column.
- 2 Find 4 in the row along the top.
- 3 Follow the numbers across and down until they meet. This is the product.



The Commutative Property tells you that you can change the order of the factors without changing the product.



×	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

Practice

1. Look at the products with a factor of 5. What pattern do you see? The products with a factor of 5 end in _____ or _____.
2. Look at the products with a factor of 0. What do you notice? The products with a factor of 0 end in _____.

3. Find 10×5 . Circle the factors and the product. Write the product.
- _____


4. Shade a row of numbers yellow to show the products with a factor of 10. What do you notice about this row?

The products with a factor of 10 end in _____.

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

5. **Mathematical PRACTICE**  **Model Math** Mason has 1 notebook for science and 1 notebook for reading. He put 9 stickers on each notebook. How many stickers did Mason use in all? Write two multiplication sentences.

Vocabulary Check

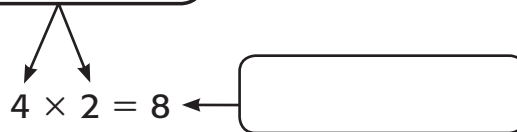


6. Label each with the correct word.

factors



product



Test Practice

7. Which property states the order in which two numbers are multiplied does not change the product?
- (A) Associative Property of Addition
 - (B) Commutative Property of Multiplication
 - (C) Inverse Operations
 - (D) Identity Property of Addition