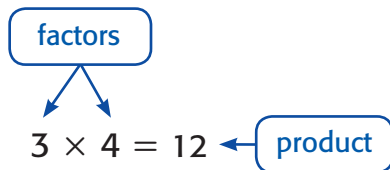# MY Homework

Homework Helper

eHelp

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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.

factors

$3 \times 4 = 12$ ← product

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

factors

$4 \times 3 = 12$ ← 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
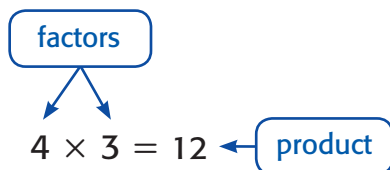
Practice

1. Look at the products with a factor of 5. What pattern do you see? The products with a factor of 5 end in __0__ or __5__ .

2. Look at the products with a factor of 0. What do you notice? The products with a factor of 0 end in __0__ .

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

50; Sample circles shown.

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 ____**0**____.

×	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

Real World

Problem Solving

5. **Mathematical PRACTICE** 4 **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.

18 stickers; $2 \times 9 = 18$; $9 \times 2 = 18$

Vocabulary Check Vocab

6. Label each with the correct word.

factors

factors

product

$4 \times 2 = 8$ ← **product**

Test Practice

7. Which property states the order in which two numbers are multiplied does not change the product?

Ⓐ Associative Property of Addition

Ⓑ Commutative Property of Multiplication

Ⓒ Inverse Operations

Ⓓ Identity Property of Addition