

Divide Using a Multiplication Table

TAKS Objective 1
TEKS 3.4C, 3.6C

Use the multiplication table at the right to solve each problem.

1. What two division sentences describe the shaded row and column in the multiplication table?

2. What is the dividend in each of your number sentences for Problem 1? Without looking at the multiplication table, how do you know that this dividend appears somewhere else in the table?

3. Nancy says that 0 is written once in every row and column because the quotient of any number divided by 0 is 0. What's wrong?

5. I am a square number dividend. I am an odd number. I appear more than once in the table. What dividend am I?

4. Suppose the multiplication table also included 11 and 12 as factors. How many more times would 12 appear as a dividend in the table?

6. We are square number dividends. We are odd numbers. We only appear once on a 10×10 multiplication table. Who are we?

×	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