



Multiplication

Grades 3-4

Mixed facts to 12×12

A mixed review of every fact family, the way it shows up on a timed quiz.

WHAT'S INSIDE

- 10 exercises with space to write
- Full answer key on the last page
- US Letter, black and white, one page per section



Mixed facts to 12×12

Grades 3-4

Name: _____

Date: _____

Remember

Once each family is learned on its own, the real test is meeting them out of order. Work down the list without skipping: the ones you hesitate on are the ones to practice tomorrow.

1. Write each product.

$6 \times 7 =$ $4 \times 9 =$ $8 \times 3 =$ $11 \times 5 =$

2. Write each product.

$12 \times 4 =$ $7 \times 7 =$ $9 \times 9 =$ $6 \times 12 =$

3. Write each product.

$8 \times 8 =$ $3 \times 11 =$ $5 \times 12 =$ $12 \times 12 =$

4. Find the missing factor.

$__ \times 6 = 54$ $__ \times 8 = 72$ $__ \times 12 = 96$

5. Circle every product below that is an even number.

3×5 4×7 9×3 6×6

6. Which two facts on this page give the same product?

6×12 and 8×9



Mixed facts to 12×12

Grades 3-4

7. A classroom library has 12 shelves with 11 books on each. How many books is that?

8. A tray holds 8 muffins. The bake sale needs 96 muffins. How many trays?

9. Estimate first, then calculate: is 7×11 more or less than 80?

10. Write every multiplication fact with a product of 36.



Mixed facts to 12×12

1. 42; 36; 24; 55
2. 48; 49; 81; 72
3. 64; 33; 60; 144
4. 9; 9; 8
5. $4 \times 7 = 28$ and $6 \times 6 = 36$ are even. A product is even whenever at least one factor is even.
6. Both equal 72.
7. $12 \times 11 = 132$ books.
8. $96 \div 8 = 12$ trays.
9. $7 \times 11 = 77$, so it is less than 80.
10. 1×36 , 2×18 , 3×12 , 4×9 , 6×6 , and each of those with the factors reversed.