# Multiplication and Division Facts: Mixed Facts



Write each answer. For a × fact, find the missing number.

$35 \div 5 = \square$

$16 \div 4 = \square$

$27 \div 3 = \square$

$10 \times \square = 80$

$5 \times \square = 45$

$60 \div 10 = \square$

$6 \times \square = 48$

$\square \times 1 = 6$

$18 \div 2 = \square$

$42 \div 6 = \square$

$72 \div 9 = \square$

$56 \div 8 = \square$

$\square \times 9 = 54$

$\square \times 2 = 14$

$\square \times 3 = 24$

$4 \times \square = 28$

$9 \div 1 = \square$

$49 \div 7 = \square$

$8 \times \square = 64$

$\square \times 7 = 63$

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# Multiplication and Division Facts: Fact Families



Use the three numbers to write two multiplication and two division facts.

| 6 | 7 | 42 |
|---|---|---|
| ☐ × ☐ = ☐ | | |
| ☐ × ☐ = ☐ | | |
| ☐ ÷ ☐ = ☐ | | |
| ☐ ÷ ☐ = ☐ | | |

| 3 | 4 | 12 |
|---|---|---|
| ☐ × ☐ = ☐ | | |
| ☐ × ☐ = ☐ | | |
| ☐ ÷ ☐ = ☐ | | |
| ☐ ÷ ☐ = ☐ | | |

| 7 | 8 | 56 |
|---|---|---|
| ☐ × ☐ = ☐ | | |
| ☐ × ☐ = ☐ | | |
| ☐ ÷ ☐ = ☐ | | |
| ☐ ÷ ☐ = ☐ | | |

| 4 | 9 | 36 |
|---|---|---|
| ☐ × ☐ = ☐ | | |
| ☐ × ☐ = ☐ | | |
| ☐ ÷ ☐ = ☐ | | |
| ☐ ÷ ☐ = ☐ | | |

| 2 | 9 | 18 |
|---|---|---|
| ☐ × ☐ = ☐ | | |
| ☐ × ☐ = ☐ | | |
| ☐ ÷ ☐ = ☐ | | |
| ☐ ÷ ☐ = ☐ | | |

| 5 | 8 | 40 |
|---|---|---|
| ☐ × ☐ = ☐ | | |
| ☐ × ☐ = ☐ | | |
| ☐ ÷ ☐ = ☐ | | |
| ☐ ÷ ☐ = ☐ | | |

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| 7 | 8 | 56 |
|---|---|---|
| ☐ × ☐ = ☐ | | |
| ☐ × ☐ = ☐ | | |
| ☐ ÷ ☐ = ☐ | | |
| ☐ ÷ ☐ = ☐ | | |

| 5 | 8 | 40 |
|---|---|---|
| ☐ × ☐ = ☐ | | |
| ☐ × ☐ = ☐ | | |
| ☐ ÷ ☐ = ☐ | | |
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| 4 | 9 | 36 |
|---|---|---|
| ☐ × ☐ = ☐ | | |
| ☐ × ☐ = ☐ | | |
| ☐ ÷ ☐ = ☐ | | |
| ☐ ÷ ☐ = ☐ | | |

# Multiplication and Division Facts: Answer Key, Pages 1 to 4



For the grown-up. Each red number sits where your child writes it. A family's four facts may be written in any order.

## Page 1

| | |
|---|---|
| 35 ÷ 5 = 7 | 72 ÷ 9 = 8 |
| 16 ÷ 4 = 4 | 56 ÷ 8 = 7 |
| 27 ÷ 3 = 9 | 6 × 9 = 54 |
| 10 × 8 = 80 | 7 × 2 = 14 |
| 5 × 9 = 45 | 8 × 3 = 24 |
| 60 ÷ 10 = 6 | 4 × 7 = 28 |
| 6 × 8 = 48 | 9 ÷ 1 = 9 |
| 6 × 1 = 6 | 49 ÷ 7 = 7 |
| 18 ÷ 2 = 9 | 8 × 8 = 64 |
| 42 ÷ 6 = 7 | 9 × 7 = 63 |

## Page 2

| | |
|---|---|
| 49 ÷ 7 = 7 | 60 ÷ 10 = 6 |
| 72 ÷ 9 = 8 | 35 ÷ 5 = 7 |
| 9 ÷ 1 = 9 | 16 ÷ 4 = 4 |
| 42 ÷ 6 = 7 | 8 × 8 = 64 |
| 5 × 9 = 45 | 7 × 2 = 14 |
| 10 × 8 = 80 | 6 × 1 = 6 |
| 27 ÷ 3 = 9 | 56 ÷ 8 = 7 |
| 6 × 9 = 54 | 18 ÷ 2 = 9 |
| 8 × 3 = 24 | 4 × 7 = 28 |
| 9 × 7 = 63 | 6 × 8 = 48 |

## Page 3

| 6 7 42 | 3 4 12 | 7 8 56 |
|---|---|---|
| 6 × 7 = 42 | 3 × 4 = 12 | 7 × 8 = 56 |
| 7 × 6 = 42 | 4 × 3 = 12 | 8 × 7 = 56 |
| 42 ÷ 6 = 7 | 12 ÷ 3 = 4 | 56 ÷ 7 = 8 |
| 42 ÷ 7 = 6 | 12 ÷ 4 = 3 | 56 ÷ 8 = 7 |

| 4 9 36 | 2 9 18 | 5 8 40 |
|---|---|---|
| 4 × 9 = 36 | 2 × 9 = 18 | 5 × 8 = 40 |
| 9 × 4 = 36 | 9 × 2 = 18 | 8 × 5 = 40 |
| 36 ÷ 4 = 9 | 18 ÷ 2 = 9 | 40 ÷ 5 = 8 |
| 36 ÷ 9 = 4 | 18 ÷ 9 = 2 | 40 ÷ 8 = 5 |

## Page 4

| 2 9 18 | 3 4 12 | 6 7 42 |
|---|---|---|
| 2 × 9 = 18 | 3 × 4 = 12 | 6 × 7 = 42 |
| 9 × 2 = 18 | 4 × 3 = 12 | 7 × 6 = 42 |
| 18 ÷ 2 = 9 | 12 ÷ 3 = 4 | 42 ÷ 6 = 7 |
| 18 ÷ 9 = 2 | 12 ÷ 4 = 3 | 42 ÷ 7 = 6 |

| 7 8 56 | 5 8 40 | 4 9 36 |
|---|---|---|
| 7 × 8 = 56 | 5 × 8 = 40 | 4 × 9 = 36 |
| 8 × 7 = 56 | 8 × 5 = 40 | 9 × 4 = 36 |
| 56 ÷ 7 = 8 | 40 ÷ 5 = 8 | 36 ÷ 4 = 9 |
| 56 ÷ 8 = 7 | 40 ÷ 8 = 5 | 36 ÷ 9 = 4 |

# For Grown-Ups: How to Use These Worksheets



For third grade, once every family is done. Each page prints twice, the same facts in a new order.

## Why use it

Multiplication and division are one fact read two ways: 3, 4 and 12 make 3 × 4 = 12, 4 × 3 = 12, 12 ÷ 3 = 4, and 12 ÷ 4 = 3. Schools teach the two together in third grade, and by its end children multiply and divide fluently within 100 (Common Core 3.OA.C.7). This sheet mixes every family: the review after one family at a time.

## What it is good for

- Twenty facts from every family to 10 × 10, half divisions and half missing factors.
- Fact families: three numbers, two multiplications, and two divisions.
- Finding which families are still slow.

## How to use it

1. Do the mixed page first, without a timer.
2. Circle any fact that took a while, and practice its family again.
3. On the fact family page, your child writes both multiplications, then both divisions.
4. Point out that the multiplications turn around and the divisions do not: the total comes first.
5. Check with the answer key. A family's four facts may be in any order.

> **Try saying:** “You wrote 3 × 4 = 12. What two divisions go with it?”

**Tip:** If a family is slow, go back to its page on the division facts sheet.