Missing Factor: The 2s, 5s and 10s

Write the missing number.

$5 \times \square = 50$

$2 \times \square = 6$

$2 \times \square = 16$

$2 \times \square = 12$

$10 \times \square = 90$

$10 \times \square = 60$

$10 \times \square = 20$

$2 \times \square = 14$

$2 \times \square = 18$

$2 \times \square = 4$

$5 \times \square = 30$

$5 \times \square = 5$

$5 \times \square = 35$

$2 \times \square = 8$

$10 \times \square = 30$

$5 \times \square = 45$

$10 \times \square = 80$

$5 \times \square = 15$

$10 \times \square = 50$

$5 \times \square = 20$

Missing Factor: The 2s, 5s and 10s

Write the missing number.

$2 \times \square = 6$

$5 \times \square = 5$

$5 \times \square = 30$

$5 \times \square = 20$

$10 \times \square = 90$

$5 \times \square = 35$

$2 \times \square = 12$

$5 \times \square = 50$

$2 \times \square = 18$

$5 \times \square = 15$

$5 \times \square = 45$

$10 \times \square = 20$

$2 \times \square = 16$

$10 \times \square = 60$

$10 \times \square = 30$

$2 \times \square = 4$

$2 \times \square = 8$

$10 \times \square = 80$

$10 \times \square = 50$

$2 \times \square = 14$

Missing Factor: Every Fact to 10 × 10

Write the missing number.

$9 \times \square = 63$	$8 \times \square = 32$
$5 \times \square = 45$	$3 \times \square = 18$
$6 \times \square = 42$	$9 \times \square = 81$
$2 \times \square = 16$	$10 \times \square = 40$
$8 \times \square = 72$	$9 \times \square = 54$
$7 \times \square = 21$	$7 \times \square = 49$
$6 \times \square = 36$	$6 \times \square = 48$
$4 \times \square = 28$	$5 \times \square = 30$
$7 \times \square = 56$	$3 \times \square = 27$
$4 \times \square = 24$	$8 \times \square = 64$

Missing Factor: Every Fact to 10 × 10

Write the missing number.

$8 \times \square = 72$	$7 \times \square = 49$
$5 \times \square = 30$	$7 \times \square = 21$
$8 \times \square = 64$	$9 \times \square = 54$
$8 \times \square = 32$	$2 \times \square = 16$
$4 \times \square = 24$	$10 \times \square = 40$
$9 \times \square = 63$	$3 \times \square = 27$
$6 \times \square = 48$	$6 \times \square = 36$
$5 \times \square = 45$	$7 \times \square = 56$
$4 \times \square = 28$	$9 \times \square = 81$
$3 \times \square = 18$	$6 \times \square = 42$

Missing Factor: The Box First

Write the missing number.

□ × 8 = 32	□ × 7 = 49
□ × 3 = 27	□ × 10 = 40
□ × 7 = 56	□ × 7 = 21
□ × 9 = 54	□ × 9 = 81
□ × 5 = 25	□ × 6 = 48
□ × 4 = 28	□ × 5 = 30
□ × 2 = 16	□ × 9 = 63
□ × 5 = 45	□ × 3 = 18
□ × 8 = 64	□ × 6 = 42
□ × 4 = 24	□ × 8 = 72

Missing Factor: The Box First

Write the missing number.

□ × 5 = 25	□ × 8 = 72
□ × 6 = 48	□ × 10 = 40
□ × 3 = 27	□ × 3 = 18
□ × 2 = 16	□ × 9 = 63
□ × 7 = 21	□ × 4 = 24
□ × 6 = 42	□ × 5 = 45
□ × 7 = 56	□ × 8 = 32
□ × 9 = 54	□ × 9 = 81
□ × 7 = 49	□ × 5 = 30
□ × 8 = 64	□ × 4 = 28



Missing Factor: Either Side

Write the missing number.

$90 = 9 \times \square$

$3 \times \square = 24$

$49 = \square \times 7$

$\square \times 4 = 16$

$48 = 8 \times \square$

$18 = 6 \times \square$

$14 = 2 \times \square$

$48 = \square \times 8$

$\square \times 2 = 18$

$\square \times 5 = 15$

$24 = \square \times 6$

$45 = \square \times 9$

$\square \times 9 = 72$

$7 \times \square = 42$

$9 \times \square = 36$

$10 \times \square = 70$

$5 \times \square = 40$

$\square \times 7 = 42$

$27 = \square \times 9$

$63 = 7 \times \square$

Missing Factor: Either Side

Write the missing number.

$9 \times \square = 36$

$90 = 9 \times \square$

$7 \times \square = 42$

$45 = \square \times 9$

$\square \times 9 = 72$

$\square \times 5 = 15$

$14 = 2 \times \square$

$3 \times \square = 24$

$\square \times 4 = 16$

$63 = 7 \times \square$

$49 = \square \times 7$

$48 = 8 \times \square$

$\square \times 2 = 18$

$18 = 6 \times \square$

$\square \times 7 = 42$

$10 \times \square = 70$

$5 \times \square = 40$

$24 = \square \times 6$

$27 = \square \times 9$

$48 = \square \times 8$

Missing Factor: Answer Key, Pages 1 to 4

For the grown-up. Each red number sits where your child writes it.

Page 1

5 × 10 = 50	5 × 6 = 30
2 × 3 = 6	5 × 1 = 5
2 × 8 = 16	5 × 7 = 35
2 × 6 = 12	2 × 4 = 8
10 × 9 = 90	10 × 3 = 30
10 × 6 = 60	5 × 9 = 45
10 × 2 = 20	10 × 8 = 80
2 × 7 = 14	5 × 3 = 15
2 × 9 = 18	10 × 5 = 50
2 × 2 = 4	5 × 4 = 20

Page 2

2 × 3 = 6	5 × 9 = 45
5 × 1 = 5	10 × 2 = 20
5 × 6 = 30	2 × 8 = 16
5 × 4 = 20	10 × 6 = 60
10 × 9 = 90	10 × 3 = 30
5 × 7 = 35	2 × 2 = 4
2 × 6 = 12	2 × 4 = 8
5 × 10 = 50	10 × 8 = 80
2 × 9 = 18	10 × 5 = 50
5 × 3 = 15	2 × 7 = 14

Page 3

9 × 7 = 63	8 × 4 = 32
5 × 9 = 45	3 × 6 = 18
6 × 7 = 42	9 × 9 = 81
2 × 8 = 16	10 × 4 = 40
8 × 9 = 72	9 × 6 = 54
7 × 3 = 21	7 × 7 = 49
6 × 6 = 36	6 × 8 = 48
4 × 7 = 28	5 × 6 = 30
7 × 8 = 56	3 × 9 = 27
4 × 6 = 24	8 × 8 = 64

Page 4

8 × 9 = 72	7 × 7 = 49
5 × 6 = 30	7 × 3 = 21
8 × 8 = 64	9 × 6 = 54
8 × 4 = 32	2 × 8 = 16
4 × 6 = 24	10 × 4 = 40
9 × 7 = 63	3 × 9 = 27
6 × 8 = 48	6 × 6 = 36
5 × 9 = 45	7 × 8 = 56
4 × 7 = 28	9 × 9 = 81
3 × 6 = 18	6 × 7 = 42

Missing Factor: Answer Key, Pages 5 to 8

For the grown-up. Each red number sits where your child writes it.

Page 5

- 4 × 8 = 32
- 9 × 3 = 27
- 8 × 7 = 56
- 6 × 9 = 54
- 5 × 5 = 25
- 7 × 4 = 28
- 8 × 2 = 16
- 9 × 5 = 45
- 8 × 8 = 64
- 6 × 4 = 24
- 7 × 7 = 49
- 4 × 10 = 40
- 3 × 7 = 21
- 9 × 9 = 81
- 8 × 6 = 48
- 6 × 5 = 30
- 7 × 9 = 63
- 6 × 3 = 18
- 7 × 6 = 42
- 9 × 8 = 72

Page 6

- 5 × 5 = 25
- 8 × 6 = 48
- 9 × 3 = 27
- 8 × 2 = 16
- 3 × 7 = 21
- 7 × 6 = 42
- 8 × 7 = 56
- 6 × 9 = 54
- 7 × 7 = 49
- 8 × 8 = 64
- 9 × 8 = 72
- 4 × 10 = 40
- 6 × 3 = 18
- 7 × 9 = 63
- 6 × 4 = 24
- 9 × 5 = 45
- 4 × 8 = 32
- 9 × 9 = 81
- 6 × 5 = 30
- 7 × 4 = 28

Page 7

- 90 = 9 × 10
- 49 = 7 × 7
- 48 = 8 × 6
- 14 = 2 × 7
- 9 × 2 = 18
- 24 = 4 × 6
- 8 × 9 = 72
- 9 × 4 = 36
- 5 × 8 = 40
- 27 = 3 × 9
- 3 × 8 = 24
- 4 × 4 = 16
- 18 = 6 × 3
- 48 = 6 × 8
- 3 × 5 = 15
- 45 = 5 × 9
- 7 × 6 = 42
- 10 × 7 = 70
- 6 × 7 = 42
- 63 = 7 × 9

Page 8

- 9 × 4 = 36
- 7 × 6 = 42
- 8 × 9 = 72
- 14 = 2 × 7
- 4 × 4 = 16
- 49 = 7 × 7
- 9 × 2 = 18
- 6 × 7 = 42
- 5 × 8 = 40
- 27 = 3 × 9
- 90 = 9 × 10
- 45 = 5 × 9
- 3 × 5 = 15
- 3 × 8 = 24
- 63 = 7 × 9
- 48 = 8 × 6
- 18 = 6 × 3
- 10 × 7 = 70
- 24 = 4 × 6
- 48 = 6 × 8

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For Grown-Ups: How to Use These Worksheets

For third grade, once the mixed facts come quickly. Each activity has two pages, the same facts in a new order.

Why use it

A missing factor problem gives the product and one factor and asks for the other, as in 6 × □ = 48. Your child has to think “6 times what makes 48?”, which is the question behind the division 48 ÷ 6 = 8. Finding a missing factor is third-grade work in both Common Core and Texas.

What it is good for

- The box second with the 2s, 5s, and 10s, such as 5 × □ = 30.
- The box second with every fact to 10 × 10, then the box first, such as □ × 6 = 42.
- The product on the left, such as 48 = □ × 8.

How to use it

1. Read each problem aloud as a question: “5 times what makes 30?”
2. Let your child skip count by the number shown until they reach the product, counting the steps.
3. Mark it together with the answer key, and let your child fix the wrong ones.
4. A fact missed twice is the one to practice: circle it and make it a flash card.

> **Try saying:** “What times 8 makes 48? Which fact do you know with a 48 in it?”

Tip: No box sits beside a 0, since 0 × □ = 0 has every number as an answer.