

Missing Factors

Set out. A missing factor asks what number joins the known factor to make the product. Use multiplication facts or the inverse division fact.

SEE ONE

$$6 \times 2 = 12$$

A missing factor asks what number joins the known factor to make the product. Use multiplication facts or the inverse division fact.

$$6 \times 2 = 12$$

TRY THE TRAIL

1

Name the known factor.

2

Ask what makes the product.

3

Multiply back to check.

Notice this: The product is the whole amount; the factors tell how that whole is grouped.

Ready? Flip the page and use the same move on each problem.



Missing Factors

Do: Solve each problem. Use the picture or place-value setup when it is shown.

1

$$4 \times \underline{\quad} = 36$$

2

$$2 \times \underline{\quad} = 6$$

3

$$2 \times \underline{\quad} = 8$$

4

$$8 \times \underline{\quad} = 88$$

5

$$5 \times \underline{\quad} = 25$$

6

$$2 \times \underline{\quad} = 18$$

CHECK YOUR TRAIL SENSE

Try this one without help.

$$12 \times \underline{\quad} = 132$$

One careful line at a time. Accuracy comes before speed.

For the grown-up: What number times the factor you know makes this product? Keep the answers on the separate key page.



Missing Factors

Keep going: Complete all 24. Work straight down each column.

1

$6 \times \underline{\quad} = 36$

5

$8 \times \underline{\quad} = 48$

9

$8 \times \underline{\quad} = 24$

13

$11 \times \underline{\quad} = 77$

17

$10 \times \underline{\quad} = 120$

21

$8 \times \underline{\quad} = 40$

2

$5 \times \underline{\quad} = 35$

6

$7 \times \underline{\quad} = 84$

10

$8 \times \underline{\quad} = 56$

14

$9 \times \underline{\quad} = 90$

18

$10 \times \underline{\quad} = 40$

22

$9 \times \underline{\quad} = 18$

3

$9 \times \underline{\quad} = 27$

7

$11 \times \underline{\quad} = 22$

11

$6 \times \underline{\quad} = 48$

15

$12 \times \underline{\quad} = 132$

19

$4 \times \underline{\quad} = 36$

23

$7 \times \underline{\quad} = 84$

4

$5 \times \underline{\quad} = 15$

8

$7 \times \underline{\quad} = 77$

12

$7 \times \underline{\quad} = 77$

16

$11 \times \underline{\quad} = 77$

20

$6 \times \underline{\quad} = 36$

24

$5 \times \underline{\quad} = 50$

Steady repetition makes the next problem feel familiar.



Missing Factors

Outcome: Your child can find an unknown factor in a multiplication equation.
Readiness: Start here if your child can solve mixed multiplication facts through twelve.

GUIDED PAGE ANSWERS

1. 9 2. 3 3. 4 4. 11 5. 5 6. 9 Check. 11

PRACTICE PAGE ANSWERS

1. 6 2. 7 3. 3 4. 3 5. 6 6. 12 7. 2 8. 11
9. 3 10. 7 11. 8 12. 11 13. 7 14. 10 15. 11 16. 7
17. 12 18. 4 19. 9 20. 6 21. 5 22. 2 23. 12 24. 10

WATCH FOR

Your child subtracts the known factor from the product.

SAY THIS

“What number times the factor you know makes this product?”

NEXT USEFUL TRAIL

Two-Digit by One-Digit Multiplication

Recipe multiplication.missing-factors.c.v1 · Seed 60027

