

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

$$2 \times 6 = 12$$

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

$$2 \times 6 = 12$$

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

$$4 \times \underline{\quad} = 20$$

2

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

3

$$9 \times \underline{\quad} = 36$$

4

$$10 \times \underline{\quad} = 50$$

5

$$12 \times \underline{\quad} = 24$$

6

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

CHECK YOUR TRAIL SENSE

Try this one without help.

$$10 \times \underline{\quad} = 60$$

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

$9 \times \underline{\quad} = 72$

5

$4 \times \underline{\quad} = 44$

9

$12 \times \underline{\quad} = 72$

13

$11 \times \underline{\quad} = 132$

17

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

21

$3 \times \underline{\quad} = 30$

2

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

6

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

10

$10 \times \underline{\quad} = 80$

14

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

18

$6 \times \underline{\quad} = 12$

22

$3 \times \underline{\quad} = 36$

3

$3 \times \underline{\quad} = 33$

7

$7 \times \underline{\quad} = 42$

11

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

15

$5 \times \underline{\quad} = 45$

19

$7 \times \underline{\quad} = 14$

23

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

4

$10 \times \underline{\quad} = 110$

8

$2 \times \underline{\quad} = 20$

12

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

16

$12 \times \underline{\quad} = 96$

20

$4 \times \underline{\quad} = 28$

24

$10 \times \underline{\quad} = 110$

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. 5 2. 3 3. 4 4. 5 5. 2 6. 12 Check. 6

PRACTICE PAGE ANSWERS

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

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

