

# Multiply by 3, 4, and 6

**Set out.** Build harder facts from facts you know. Double a two fact to get a four fact, or combine a three fact with another three fact to get a six fact.

SEE ONE

$$3 \times 6 = 18$$

Build harder facts from facts you know. Double a two fact to get a four fact, or combine a three fact with another three fact to get a six fact.

$$3 \times 6 = 18$$

TRY THE TRAIL

1

Read both factors.

2

Choose a fact strategy.

3

Multiply and check that the product is reasonable.

**Notice this:** A new fact can be split into two friendlier facts.

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



# Multiply by 3, 4, and 6

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

1

$$4 \times 6 = \underline{\hspace{2cm}}$$

2

$$2 \times 6 = \underline{\hspace{2cm}}$$

3

$$4 \times 10 = \underline{\hspace{2cm}}$$

4

$$11 \times 4 = \underline{\hspace{2cm}}$$

5

$$3 \times 6 = \underline{\hspace{2cm}}$$

6

$$5 \times 6 = \underline{\hspace{2cm}}$$

CHECK YOUR TRAIL SENSE

**Try this one without help.**

$$2 \times 4 = \underline{\hspace{2cm}}$$

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

**For the grown-up:** Which easier fact could you double or combine to make this one? Keep the answers on the separate key page.



# Multiply by 3, 4, and 6

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

1

$3 \times 8 = \underline{\quad}$

2

$9 \times 4 = \underline{\quad}$

3

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

4

$3 \times 6 = \underline{\quad}$

5

$3 \times 1 = \underline{\quad}$

6

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

7

$6 \times 5 = \underline{\quad}$

8

$1 \times 4 = \underline{\quad}$

9

$3 \times 11 = \underline{\quad}$

10

$1 \times 6 = \underline{\quad}$

11

$4 \times 7 = \underline{\quad}$

12

$11 \times 6 = \underline{\quad}$

13

$3 \times 6 = \underline{\quad}$

14

$9 \times 6 = \underline{\quad}$

15

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

16

$4 \times 3 = \underline{\quad}$

17

$3 \times 9 = \underline{\quad}$

18

$11 \times 4 = \underline{\quad}$

19

$4 \times 3 = \underline{\quad}$

20

$2 \times 3 = \underline{\quad}$

21

$6 \times 3 = \underline{\quad}$

22

$11 \times 3 = \underline{\quad}$

23

$6 \times 11 = \underline{\quad}$

24

$8 \times 4 = \underline{\quad}$

Steady repetition makes the next problem feel familiar.



# Multiply by 3, 4, and 6

**Outcome:** Your child can solve multiplication facts using three, four, or six as a factor.  
**Readiness:** Start here if your child knows the easier zero, one, two, five, and ten facts.

GUIDED PAGE ANSWERS

1. 24                      2. 12                      3. 40                      4. 44                      5. 18                      6. 30                      Check. 8

PRACTICE PAGE ANSWERS

1. 24                      2. 36                      3. 16                      4. 18                      5. 3                      6. 16                      7. 30                      8. 4  
9. 33                      10. 6                      11. 28                      12. 66                      13. 18                      14. 54                      15. 9                      16. 12  
17. 27                      18. 44                      19. 12                      20. 6                      21. 18                      22. 33                      23. 66                      24. 32

WATCH FOR

Your child tries to memorize an answer after losing track of the factors.

SAY THIS

“Which easier fact could you double or combine to make this one?”

NEXT USEFUL TRAIL

Multiply by 7, 8, 9, 11, and 12

