

Multiply by 0, 1, 2, 5, and 10

Set out. Use the pattern each factor gives you: zero makes zero, one keeps the other factor, and twos, fives, and tens follow familiar counting patterns.

SEE ONE

$$2 \times 1 = 2$$

Use the pattern each factor gives you: zero makes zero, one keeps the other factor, and twos, fives, and tens follow familiar counting patterns.

$$2 \times 1 = 2$$

TRY THE TRAIL

1

Read both factors.

2

Choose a fact strategy.

3

Multiply and check that the product is reasonable.

Notice this: A factor can switch sides without changing the product.

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



Multiply by 0, 1, 2, 5, and 10

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

1

$$2 \times 0 = \underline{\quad}$$

2

$$3 \times 0 = \underline{\quad}$$

3

$$10 \times 11 = \underline{\quad}$$

4

$$9 \times 1 = \underline{\quad}$$

5

$$10 \times 6 = \underline{\quad}$$

6

$$9 \times 10 = \underline{\quad}$$

CHECK YOUR TRAIL SENSE

Try this one without help.

$$8 \times 1 = \underline{\quad}$$

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

For the grown-up: What pattern does this fact family give you before you calculate? Keep the answers on the separate key page.



Multiply by 0, 1, 2, 5, and 10

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

1

$1 \times 5 = \underline{\quad}$

5

$5 \times 2 = \underline{\quad}$

9

$10 \times 0 = \underline{\quad}$

13

$5 \times 12 = \underline{\quad}$

17

$0 \times 4 = \underline{\quad}$

21

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

2

$12 \times 10 = \underline{\quad}$

6

$8 \times 1 = \underline{\quad}$

10

$0 \times 0 = \underline{\quad}$

14

$6 \times 0 = \underline{\quad}$

18

$2 \times 0 = \underline{\quad}$

22

$11 \times 0 = \underline{\quad}$

3

$5 \times 11 = \underline{\quad}$

7

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

11

$10 \times 0 = \underline{\quad}$

15

$10 \times 9 = \underline{\quad}$

19

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

23

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

4

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

8

$12 \times 5 = \underline{\quad}$

12

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

16

$12 \times 2 = \underline{\quad}$

20

$4 \times 0 = \underline{\quad}$

24

$2 \times 0 = \underline{\quad}$

Steady repetition makes the next problem feel familiar.



More free math:

<https://madeforhomeschool.com/math/pages/multiply-by-0-1-2-5-10>

Multiply by 0, 1, 2, 5, and 10

Outcome: Your child can solve multiplication facts using zero, one, two, five, or ten as a factor.

Readiness: Start here if your child understands equal groups and can skip-count by twos, fives, and tens.

GUIDED PAGE ANSWERS

1. 0 2. 0 3. 110 4. 9 5. 60 6. 90 Check. 8

PRACTICE PAGE ANSWERS

1. 5 2. 120 3. 55 4. 25 5. 10 6. 8 7. 25 8. 60
9. 0 10. 0 11. 0 12. 3 13. 60 14. 0 15. 90 16. 24
17. 0 18. 0 19. 12 20. 0 21. 25 22. 0 23. 12 24. 0

WATCH FOR

Your child says that multiplying by zero leaves the other factor unchanged.

SAY THIS

“What pattern does this fact family give you before you calculate?”

NEXT USEFUL TRAIL

Multiply by 3, 4, and 6

