

Division with Remainders

Set out. Divide as far as possible. The amount left is the remainder, and it must be smaller than the divisor.

SEE ONE

$$\begin{array}{r} 9 \text{ R } 3 \\ 9 \overline{) 84} \end{array}$$

Divide as far as possible. The amount left is the remainder, and it must be smaller than the divisor.

$$84 \div 9 = 9 \text{ R } 3$$

TRY THE TRAIL

1

Divide the largest place.

2

Multiply and subtract.

3

Bring down and repeat.

Notice this: Divisor times quotient plus remainder must equal the dividend.

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



Division with Remainders

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

1

$$6 \overline{) 47}$$

2

$$5 \overline{) 23}$$

3

$$4 \overline{) 46}$$

4

$$7 \overline{) 71}$$

5

$$5 \overline{) 88}$$

6

$$3 \overline{) 73}$$

CHECK YOUR TRAIL SENSE

Try this one without help.

$$3 \overline{) 74}$$

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

For the grown-up: Is the remainder smaller than the divisor, and does multiplication rebuild the dividend? Keep the answers on the separate key page.



Division with Remainders

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

1

$$2 \overline{) 95}$$

2

$$9 \overline{) 62}$$

3

$$3 \overline{) 76}$$

4

$$7 \overline{) 99}$$

5

$$7 \overline{) 31}$$

6

$$8 \overline{) 85}$$

7

$$6 \overline{) 21}$$

8

$$4 \overline{) 53}$$

9

$$3 \overline{) 88}$$

10

$$7 \overline{) 17}$$

11

$$7 \overline{) 73}$$

12

$$3 \overline{) 56}$$

13

$$3 \overline{) 79}$$

14

$$4 \overline{) 86}$$

15

$$3 \overline{) 82}$$

16

$$6 \overline{) 52}$$

17

$$6 \overline{) 87}$$

18

$$2 \overline{) 67}$$

19

$$4 \overline{) 69}$$

20

$$3 \overline{) 53}$$

21

$$3 \overline{) 83}$$

22

$$9 \overline{) 95}$$

23

$$5 \overline{) 83}$$

24

$$9 \overline{) 37}$$

Steady repetition makes the next problem feel familiar.



Division with Remainders

Outcome: Your child can divide a two-digit number and report a valid remainder.

Readiness: Start here if your child can divide two-digit numbers exactly.

GUIDED PAGE ANSWERS

1. 7 R 5

2. 4 R 3

3. 11 R 2

4. 10 R 1

5. 17 R 3

6. 24 R 1

Check. 24 R 2

PRACTICE PAGE ANSWERS

1. 47 R 1

2. 6 R 8

3. 25 R 1

4. 14 R 1

5. 4 R 3

6. 10 R 5

7. 3 R 3

8. 13 R 1

9. 29 R 1

10. 2 R 3

11. 10 R 3

12. 18 R 2

13. 26 R 1

14. 21 R 2

15. 27 R 1

16. 8 R 4

17. 14 R 3

18. 33 R 1

19. 17 R 1

20. 17 R 2

21. 27 R 2

22. 10 R 5

23. 16 R 3

24. 4 R 1

WATCH FOR

Your child writes a remainder that is as large as or larger than the divisor.

SAY THIS

“Is the remainder smaller than the divisor, and does multiplication rebuild the dividend?”

NEXT USEFUL TRAIL

Three-Digit by One-Digit Division

Recipe division.division-with-remainders.a.v1 · Seed 80000



More free math:

<https://madeforhomeschool.com/math/pages/division-with-remainders>