

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

$$\begin{array}{r} 2 \text{ R } 6 \\ 8 \overline{) 22} \end{array}$$

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

$$22 \div 8 = 2 \text{ R } 6$$

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

$$5 \overline{) 42}$$

2

$$4 \overline{) 55}$$

3

$$8 \overline{) 54}$$

4

$$6 \overline{) 74}$$

5

$$7 \overline{) 58}$$

6

$$2 \overline{) 13}$$

CHECK YOUR TRAIL SENSE

Try this one without help.

$$2 \overline{) 5}$$

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.



More free math:

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

Division with Remainders

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

1

$$2 \overline{) 67}$$

2

$$5 \overline{) 84}$$

3

$$8 \overline{) 41}$$

4

$$4 \overline{) 11}$$

5

$$2 \overline{) 33}$$

6

$$7 \overline{) 66}$$

7

$$2 \overline{) 55}$$

8

$$6 \overline{) 70}$$

9

$$6 \overline{) 19}$$

10

$$3 \overline{) 41}$$

11

$$6 \overline{) 23}$$

12

$$5 \overline{) 87}$$

13

$$2 \overline{) 21}$$

14

$$7 \overline{) 38}$$

15

$$2 \overline{) 77}$$

16

$$6 \overline{) 26}$$

17

$$8 \overline{) 26}$$

18

$$4 \overline{) 31}$$

19

$$4 \overline{) 89}$$

20

$$9 \overline{) 59}$$

21

$$6 \overline{) 45}$$

22

$$8 \overline{) 49}$$

23

$$9 \overline{) 86}$$

24

$$7 \overline{) 92}$$

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. 8 R 2

2. 13 R 3

3. 6 R 6

4. 12 R 2

5. 8 R 2

6. 6 R 1

Check. 2 R 1

PRACTICE PAGE ANSWERS

1. 33 R 1

2. 16 R 4

3. 5 R 1

4. 2 R 3

5. 16 R 1

6. 9 R 3

7. 27 R 1

8. 11 R 4

9. 3 R 1

10. 13 R 2

11. 3 R 5

12. 17 R 2

13. 10 R 1

14. 5 R 3

15. 38 R 1

16. 4 R 2

17. 3 R 2

18. 7 R 3

19. 22 R 1

20. 6 R 5

21. 7 R 3

22. 6 R 1

23. 9 R 5

24. 13 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.c.v1 • Seed 82039



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