

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

$$\begin{array}{r} 13 \text{ R } 2 \\ 4 \overline{) 54} \end{array}$$

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

$$54 \div 4 = 13 \text{ R } 2$$

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

$$3 \overline{) 25}$$

2

$$2 \overline{) 13}$$

3

$$3 \overline{) 62}$$

4

$$7 \overline{) 26}$$

5

$$2 \overline{) 51}$$

6

$$7 \overline{) 83}$$

CHECK YOUR TRAIL SENSE

Try this one without help.

$$5 \overline{) 72}$$

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

$$7 \overline{) 65}$$

2

$$6 \overline{) 16}$$

3

$$8 \overline{) 36}$$

4

$$9 \overline{) 34}$$

5

$$3 \overline{) 55}$$

6

$$9 \overline{) 38}$$

7

$$3 \overline{) 67}$$

8

$$8 \overline{) 97}$$

9

$$4 \overline{) 10}$$

10

$$6 \overline{) 92}$$

11

$$7 \overline{) 54}$$

12

$$5 \overline{) 37}$$

13

$$8 \overline{) 86}$$

14

$$8 \overline{) 66}$$

15

$$9 \overline{) 82}$$

16

$$7 \overline{) 94}$$

17

$$6 \overline{) 20}$$

18

$$7 \overline{) 99}$$

19

$$9 \overline{) 57}$$

20

$$6 \overline{) 15}$$

21

$$9 \overline{) 22}$$

22

$$5 \overline{) 37}$$

23

$$5 \overline{) 53}$$

24

$$6 \overline{) 59}$$

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 1**2.** 6 R 1**3.** 20 R 2**4.** 3 R 5**5.** 25 R 1**6.** 11 R 6**Check.** 14 R 2

PRACTICE PAGE ANSWERS

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

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.b.v1 · Seed 81013



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