Long Division Worksheets

Work down through the levels. Show every step in the bus stop layout.

Name: _____ Date: _____

Page 1 - Getting Started

Three digit numbers divided by one digit. Every answer comes out exact.

1. $4\overline{)672}$

Answer: _____ Remainder: _____

2. $5\overline{)945}$

Answer: _____ Remainder: _____

3. $6\overline{)738}$

Answer: _____ Remainder: _____

4. $3\overline{)864}$

Answer: _____ Remainder: _____

5. $7\overline{)952}$

Answer: _____ Remainder: _____

6. $4\overline{)516}$

Answer: _____ Remainder: _____

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Page 2 - Building Up

Four digit numbers divided by one digit. Some answers have a remainder.

Write the remainder next to your answer. Check the size of each chunk as you go.

1. 4 | 4,528

Answer: _____ Remainder: _____

2. 5 | 7,395

Answer: _____ Remainder: _____

3. 3 | 6,847

Answer: _____ Remainder: _____

4. 6 | 9,274

Answer: _____ Remainder: _____

5. 7 | 8,139

Answer: _____ Remainder: _____

6. 8 | 5,648

Answer: _____ Remainder: _____

7. 4 | 3,956

Answer: _____ Remainder: _____

8. 9 | 7,283

Answer: _____ Remainder: _____

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Page 3 - Stretch

Two digit divisors now. Take it one digit at a time and keep columns tidy.

1. $12 \overline{)1{,}848}$

Answer: _____ Remainder: _____

2. $15 \overline{)2{,}975}$

Answer: _____ Remainder: _____

3. $18 \overline{)4{,}632}$

Answer: _____ Remainder: _____

4. $24 \overline{)7{,}452}$

Answer: _____ Remainder: _____

5. $16 \overline{)5{,}296}$

Answer: _____ Remainder: _____

6. Word Problem

A hall crew has 2,345 printed programs to share equally among 14 tables for a school evening. How many programs go on each table, and how many programs are left over?

Answer: _____ programs on each table, _____ left over

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Answer Key - Long Division Worksheets

Every answer below was checked by multiplying back. R means remainder.

Page 1 - Getting Started

1. 672 / 4 = 168 R 0
2. 945 / 5 = 189 R 0
3. 738 / 6 = 123 R 0
4. 864 / 3 = 288 R 0
5. 952 / 7 = 136 R 0
6. 516 / 4 = 129 R 0

Page 2 - Building Up

1. 4,528 / 4 = 1,132 R 0
2. 7,395 / 5 = 1,479 R 0
3. 6,847 / 3 = 2,282 R 1
4. 9,274 / 6 = 1,545 R 4
5. 8,139 / 7 = 1,162 R 5
6. 5,648 / 8 = 706 R 0
7. 3,956 / 4 = 989 R 0
8. 7,283 / 9 = 809 R 2

Page 3 - Stretch

1. 1,848 / 12 = 154 R 0
2. 2,975 / 15 = 198 R 5
3. 4,632 / 18 = 257 R 6
4. 7,452 / 24 = 310 R 12
5. 5,296 / 16 = 331 R 0
6. 2,345 / 14 = 167 R 7

Word problem check: 14 x 167 = 2,338 and 2,338 + 7 = 2,345.

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