

Grade 4 Division

Worksheet Pack

Division Facts • Long Division • Remainders • Word Problems

Skills Covered

- Division facts and mental division
- 2-digit $\div$ 1-digit division
- 3-digit $\div$ 1-digit division
- Long division with remainders
- Missing numbers and true/false
- Real-life division word problems
- Mixed division challenge

Name: _____

Date: _____

Teacher / Class: _____

Worksheet 1 • Divide by 1 Digit

Grade 4 Mathematics

A. Exact Division

$$\begin{array}{r} 2 \overline{) 84} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 3 \overline{) 96} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 5 \overline{) 75} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 4 \overline{) 128} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 6 \overline{) 144} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 7 \overline{) 189} \\ \text{Quotient: } \end{array}$$

B. More Practice

$$\begin{array}{r} 8 \overline{) 216} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 9 \overline{) 252} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 5 \overline{) 315} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 6 \overline{) 432} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 7 \overline{) 525} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 8 \overline{) 648} \\ \text{Quotient: } \end{array}$$

Worksheet 2 • 3-Digit Division

Grade 4 Mathematics

A. Calculate

3 $\overline{324}$
Quotient: _____

4 $\overline{468}$
Quotient: _____

5 $\overline{555}$
Quotient: _____

6 $\overline{672}$
Quotient: _____

7 $\overline{735}$
Quotient: _____

8 $\overline{816}$
Quotient: _____

B. Challenge

9 $\overline{936}$
Quotient: _____

4 $\overline{448}$
Quotient: _____

7 $\overline{693}$
Quotient: _____

8 $\overline{864}$
Quotient: _____

5 $\overline{975}$
Quotient: _____

6 $\overline{828}$
Quotient: _____

Worksheet 3 • Division with Remainders

Grade 4 Mathematics

A. Find Quotient and Remainder

$$\begin{array}{r} 4 \overline{) 97} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 6 \overline{) 125} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 7 \overline{) 157} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 5 \overline{) 203} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 8 \overline{) 278} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 9 \overline{) 341} \\ \text{Quotient: } \end{array}$$

B. More Remainders

$$\begin{array}{r} 5 \overline{) 426} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 6 \overline{) 517} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 7 \overline{) 629} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 8 \overline{) 745} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 9 \overline{) 856} \\ \text{Quotient: } \end{array}$$

$$\begin{array}{r} 7 \overline{) 934} \\ \text{Quotient: } \end{array}$$

Worksheet 4 • Mental Maths & Estimation

Grade 4 Mathematics

A. Mental Division

$20 \div 4 = \underline{\quad}$

$36 \div 6 = \underline{\quad}$

$45 \div 5 = \underline{\quad}$

$72 \div 8 = \underline{\quad}$

$90 \div 9 = \underline{\quad}$

$120 \div 6 = \underline{\quad}$

$150 \div 5 = \underline{\quad}$

$200 \div 10 = \underline{\quad}$

B. Estimate the Quotient

$198 \div 4 \approx \underline{\quad}$

$312 \div 6 \approx \underline{\quad}$

$487 \div 5 \approx \underline{\quad}$

$624 \div 8 \approx \underline{\quad}$

$1,205 \div 4 \approx \underline{\quad}$

$2,490 \div 5 \approx \underline{\quad}$

7. Which is closer to 50: $198 \div 4$ or $312 \div 6$? $\underline{\hspace{2cm}}$

8. Explain how you can check a division answer. $\underline{\hspace{4cm}}$

Worksheet 5 • Missing Numbers & True/False

Grade 4 Mathematics

A. Find the Missing Number

$$\blacksquare \div 6 = 24$$

$$\blacksquare \div 8 = 15$$

$$144 \div \blacksquare = 12$$

$$\blacksquare \div 7 = 35$$

$$360 \div \blacksquare = 45$$

$$\blacksquare \div 9 = 72$$

B. True or False

$$84 \div 4 = 21 \quad \underline{\hspace{2cm}}$$

$$144 \div 6 = 24 \quad \underline{\hspace{2cm}}$$

$$225 \div 5 = 45 \quad \underline{\hspace{2cm}}$$

$$432 \div 8 = 54 \quad \underline{\hspace{2cm}}$$

$$675 \div 9 = 75 \quad \underline{\hspace{2cm}}$$

$$936 \div 9 = 104 \quad \underline{\hspace{2cm}}$$

Worksheet 6 • Division Word Problems

Grade 4 Mathematics

Solve each problem. Show your working.

1. A teacher has 96 pencils and shares them equally among 4 groups. How many pencils per group?

2. A shop packs 144 apples equally into 6 boxes. How many apples in each box?

3. A school has 315 students arranged equally into 5 groups. How many students per group?

4. A baker puts 432 cupcakes equally into 8 trays. How many cupcakes per tray?

5. A farmer has 675 eggs and packs 9 eggs in each carton. How many cartons are needed?

6. A library has 864 books and places them equally on 8 shelves. How many books per shelf?

Worksheet 7 • Mixed Division Challenge

Grade 4 Mathematics

A. Solve

4 $\overline{1248}$

Quotient: _____

5 $\overline{1575}$

Quotient: _____

6 $\overline{1728}$

Quotient: _____

7 $\overline{1960}$

Quotient: _____

8 $\overline{2304}$

Quotient: _____

9 $\overline{2835}$

Quotient: _____

B. Reasoning

Which is greater: $720 \div 8$ or $630 \div 7$? _____

Write a division sentence with answer 36: _____

Create a division problem with quotient 45 and remainder 3.

How can multiplication be used to check division?

A number divided by 6 gives 128. What is the number?

Answer Key • Grade 4 Division

Grade 4 Mathematics

Worksheet 1

- | | |
|-------|--------|
| 1. 42 | 7. 27 |
| 2. 32 | 8. 28 |
| 3. 15 | 9. 63 |
| 4. 32 | 10. 72 |
| 5. 24 | 11. 75 |
| 6. 27 | 12. 81 |

Worksheet 2

- | | |
|--------|---------|
| 1. 108 | 7. 104 |
| 2. 117 | 8. 112 |
| 3. 111 | 9. 99 |
| 4. 112 | 10. 108 |
| 5. 105 | 11. 195 |
| 6. 102 | 12. 138 |

Worksheet 3

- | | |
|----------|------------|
| 1. 24 R1 | 7. 85 R1 |
| 2. 20 R5 | 8. 86 R1 |
| 3. 22 R3 | 9. 89 R6 |
| 4. 40 R3 | 10. 93 R1 |
| 5. 34 R6 | 11. 95 R1 |
| 6. 37 R8 | 12. 133 R3 |

Worksheet 4

- | | |
|-------|---------|
| 1. 5 | 8. 20 |
| 2. 6 | 9. 50 |
| 3. 9 | 10. 50 |
| 4. 9 | 11. 78 |
| 5. 10 | 12. 130 |
| 6. 20 | 13. 62 |
| 7. 30 | |

Worksheet 5

- | | |
|--------|-----------|
| 1. 144 | 7. True |
| 2. 120 | 8. True |
| 3. 12 | 9. True |
| 4. 245 | 10. True |
| 5. 8 | 11. True |
| 6. 648 | 12. False |

Worksheet 6

- | | |
|-------|--------|
| 1. 24 | 4. 54 |
| 2. 24 | 5. 75 |
| 3. 63 | 6. 108 |

Worksheet 7

- | | |
|--------|------------------------|
| 1. 312 | 6. 315 |
| 2. 315 | 7. Both are equal (90) |
| 3. 288 | 8. Answers vary |
| 4. 280 | 9. Answers vary |
| 5. 288 | 10. 768 |