

3-Digits $\div$ 1-Digit, No Remainders

Differentiated Long Division

1 Differentiated Math Resources

Division - No Remainders

© Caffeine Queen Teacher

2 Differentiated Math Resources

Division

Division Skill: 3-Digits $\div$ 1-Digit with no remainders

© Caffeine Queen Teacher

Free!

Long Division Worksheets



**Student-Friendly
Format**

Like these practice sheets?

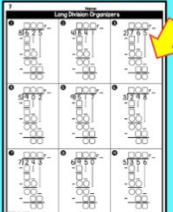
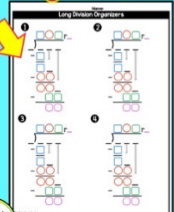
Check out the COMPLETE SET!

2-Digits $\div$ 1-Digit, 3-Digits $\div$ 1-Digit

Original Set

Long Division

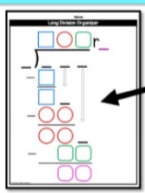
Organizers **Worksheets**



Visual Method Using Colors & Shapes

Coffee & Crayons Teacher

Differentiated Organizers & Worksheets



Colors and Shapes provide a visual guide toward each step of the process.

Different sized organizers allow teachers to differentiate for individual students.

Scaffold from color to black & white. Students can use highlighters to help transition.

Quick Error Analysis

Step-by-Step answer keys allow you to find mistakes quickly and easily.

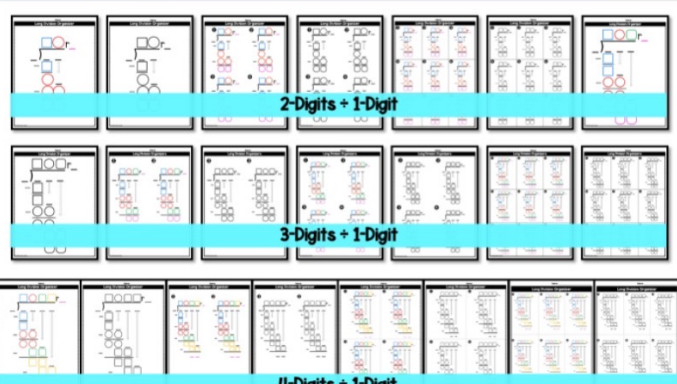


Coffee & Crayons Teacher

CO Resources

Check out the COMPLETE Division set!

22 Organizers



2-Digits $\div$ 1-Digit

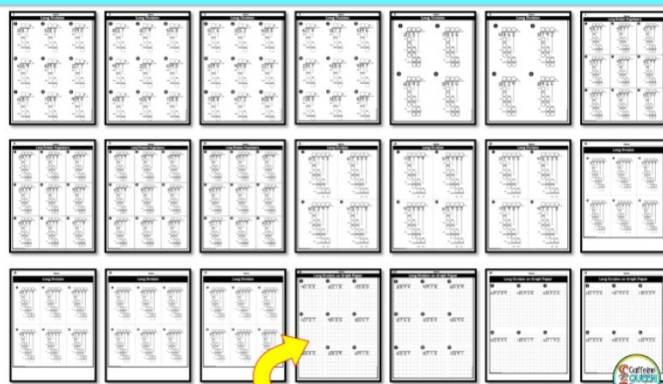
3-Digits $\div$ 1-Digit

4-Digits $\div$ 1-Digit

Coffee & Crayons Teacher

CO Resources

21 Worksheets



Transition from organizers to graph paper!

Coffee & Crayons Teacher

CO Resources

Try the MULTIPLICATION set! ↓

2-Digit $\times$ 2-Digit Differentiated Set

Original Set

2-Digit Multiplication

Organizers **Worksheets**



Visual Method Using Colors & Shapes

Coffee & Crayons Teacher

Thank you for downloading this **SAMPLE** set of Long Division Shape Math™

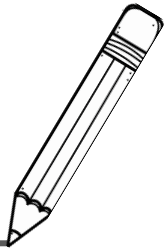
These differentiated long division worksheets make teaching the standard algorithm easier for students to learn.

There are **NO REMAINDERS** on these sample worksheets.

While introducing Shape Math, I frequently repeat “*Circles go with circles*” and “*Squares go with squares*.” The shapes help students with number placement and guide them toward the next step.

This set also includes two graph paper long division pages. The worksheet with “2*” in the upper left corner provides scaffolds for students who need *additional guidance for success*. These differentiated worksheets feature pre-filled quotients. This scaffold allows struggling students to focus on learning the long division process and gain confidence.

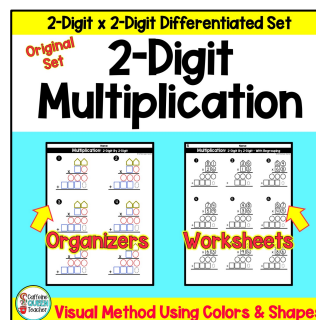
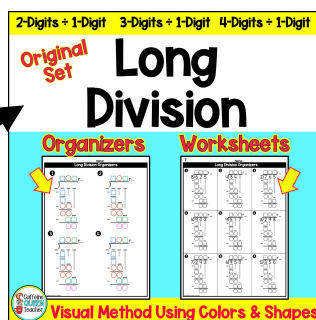
You’ll love the step-by-step answer keys that help teachers identify mistakes quickly!



If you like this **FREE SAMPLE**, please check out the **COMPLETE SET** of long division organizers and worksheets.

You’ll love the visual strategy using colors and shapes for teaching the long division the standard algorithm. The worksheets and organizers break down the steps and guide students through multi-digit long division.

The **COMPLETE**
Long Division Set!



Try the
multiplication, too!

Division - No Remainders

© Caffeine Queen Teacher

1

$$\begin{array}{r} \square \bigcirc \\ 8 \overline{) 456} \\ - \square \square \downarrow \\ \hline \bigcirc \\ - \bigcirc \bigcirc \\ \hline \end{array}$$

2

$$\begin{array}{r} \square \bigcirc \\ 4 \overline{) 376} \\ - \square \square \downarrow \\ \hline \bigcirc \\ - \bigcirc \bigcirc \\ \hline \end{array}$$

3

$$\begin{array}{r} \square \bigcirc \\ 3 \overline{) 294} \\ - \square \square \downarrow \\ \hline \bigcirc \\ - \bigcirc \bigcirc \\ \hline \end{array}$$

4

$$\begin{array}{r} \square \bigcirc \\ 7 \overline{) 441} \\ - \square \square \downarrow \\ \hline \bigcirc \\ - \bigcirc \bigcirc \\ \hline \end{array}$$

5

$$\begin{array}{r} \square \bigcirc \\ 9 \overline{) 585} \\ - \square \square \downarrow \\ \hline \bigcirc \\ - \bigcirc \bigcirc \\ \hline \end{array}$$

6

$$\begin{array}{r} \square \bigcirc \\ 5 \overline{) 415} \\ - \square \square \downarrow \\ \hline \bigcirc \\ - \bigcirc \bigcirc \\ \hline \end{array}$$

7

$$\begin{array}{r} \square \bigcirc \\ 6 \overline{) 504} \\ - \square \square \downarrow \\ \hline \bigcirc \\ - \bigcirc \bigcirc \\ \hline \end{array}$$

8

$$\begin{array}{r} \square \bigcirc \\ 2 \overline{) 138} \\ - \square \square \downarrow \\ \hline \bigcirc \\ - \bigcirc \bigcirc \\ \hline \end{array}$$

9

$$\begin{array}{r} \square \bigcirc \\ 5 \overline{) 290} \\ - \square \square \downarrow \\ \hline \bigcirc \\ - \bigcirc \bigcirc \\ \hline \end{array}$$

KEY**Division - No Remainders**

© Caffeine Queen Teacher

1

$$\begin{array}{r} \boxed{5} \boxed{7} \\ 8 \overline{) 456} \\ - \boxed{4} \boxed{0} \downarrow \\ \hline \boxed{5} \boxed{6} \\ - \boxed{5} \boxed{6} \\ \hline 0 \end{array}$$

2

$$\begin{array}{r} \boxed{9} \boxed{4} \\ 4 \overline{) 376} \\ - \boxed{3} \boxed{6} \downarrow \\ \hline \boxed{1} \boxed{6} \\ - \boxed{1} \boxed{6} \\ \hline 0 \end{array}$$

3

$$\begin{array}{r} \boxed{9} \boxed{8} \\ 3 \overline{) 294} \\ - \boxed{2} \boxed{7} \downarrow \\ \hline \boxed{2} \boxed{4} \\ - \boxed{2} \boxed{7} \\ \hline 0 \end{array}$$

4

$$\begin{array}{r} \boxed{6} \boxed{3} \\ 7 \overline{) 441} \\ - \boxed{4} \boxed{2} \downarrow \\ \hline \boxed{2} \boxed{1} \\ - \boxed{2} \boxed{1} \\ \hline 0 \end{array}$$

5

$$\begin{array}{r} \boxed{6} \boxed{5} \\ 9 \overline{) 585} \\ - \boxed{5} \boxed{4} \downarrow \\ \hline \boxed{4} \boxed{5} \\ - \boxed{4} \boxed{5} \\ \hline 4 \end{array}$$

6

$$\begin{array}{r} \boxed{8} \boxed{3} \\ 5 \overline{) 415} \\ - \boxed{4} \boxed{0} \downarrow \\ \hline \boxed{1} \boxed{5} \\ - \boxed{1} \boxed{5} \\ \hline 0 \end{array}$$

7

$$\begin{array}{r} \boxed{8} \boxed{4} \\ 6 \overline{) 504} \\ - \boxed{4} \boxed{8} \downarrow \\ \hline \boxed{2} \boxed{4} \\ - \boxed{2} \boxed{4} \\ \hline 0 \end{array}$$

8

$$\begin{array}{r} \boxed{6} \boxed{9} \\ 2 \overline{) 138} \\ - \boxed{1} \boxed{2} \downarrow \\ \hline \boxed{1} \boxed{8} \\ - \boxed{1} \boxed{8} \\ \hline 0 \end{array}$$

9

$$\begin{array}{r} \boxed{5} \boxed{8} \\ 5 \overline{) 290} \\ - \boxed{2} \boxed{5} \downarrow \\ \hline \boxed{4} \boxed{0} \\ - \boxed{4} \boxed{0} \\ \hline 0 \end{array}$$

Division

©Caffeine Queen Teacher

Division Skill: 3-Digits ÷ 1-Digit with no remainders

1

$$6 \overline{) 576}$$

2

$$8 \overline{) 688}$$

3

$$4 \overline{) 316}$$

4

$$3 \overline{) 282}$$

5

$$5 \overline{) 380}$$

6

$$7 \overline{) 532}$$

7

$$9 \overline{) 774}$$

8

$$2 \overline{) 150}$$

9

$$8 \overline{) 392}$$

Division

Division Skill: 3-Digits ÷ 1-Digit with no remainders

1

$$\begin{array}{r} 096 \\ 6 \overline{)576} \\ \underline{00} \\ 57 \\ \underline{0}0 \\ 576 \\ \underline{0}00 \\ 576 \\ \underline{0}00 \\ 576 \\ \underline{0}00 \\ 576 \\ \underline{0}00 \\ 576 \end{array}$$

2

$$\begin{array}{r} 086 \\ 8 \overline{)688} \\ \underline{0}0 \\ 68 \\ \underline{0}0 \\ 688 \\ \underline{0}00 \\ 688 \\ \underline{0}00 \\ 688 \\ \underline{0}00 \\ 688 \end{array}$$

3

$$\begin{array}{r} 079 \\ 4 \overline{)316} \\ \underline{0}0 \\ 31 \\ \underline{0}0 \\ 316 \\ \underline{0}00 \\ 316 \\ \underline{0}00 \\ 316 \\ \underline{0}00 \\ 316 \end{array}$$

4

$$\begin{array}{r} 094 \\ 3 \overline{)282} \\ \underline{0}0 \\ 28 \\ \underline{0}0 \\ 282 \\ \underline{0}00 \\ 282 \\ \underline{0}00 \\ 282 \\ \underline{0}00 \\ 282 \end{array}$$

5

$$\begin{array}{r} 076 \\ 5 \overline{)380} \\ \underline{0}0 \\ 38 \\ \underline{0}0 \\ 380 \\ \underline{0}00 \\ 380 \\ \underline{0}00 \\ 380 \\ \underline{0}00 \\ 380 \end{array}$$

6

$$\begin{array}{r} 076 \\ 7 \overline{)532} \\ \underline{0}0 \\ 53 \\ \underline{0}0 \\ 532 \\ \underline{0}00 \\ 532 \\ \underline{0}00 \\ 532 \\ \underline{0}00 \\ 532 \end{array}$$

7

$$\begin{array}{r} 086 \\ 9 \overline{)774} \\ \underline{0}0 \\ 77 \\ \underline{0}0 \\ 774 \\ \underline{0}00 \\ 774 \\ \underline{0}00 \\ 774 \\ \underline{0}00 \\ 774 \end{array}$$

8

$$\begin{array}{r} 075 \\ 2 \overline{)150} \\ \underline{0}0 \\ 15 \\ \underline{0}0 \\ 150 \\ \underline{0}00 \\ 150 \\ \underline{0}00 \\ 150 \\ \underline{0}00 \\ 150 \end{array}$$

9

$$\begin{array}{r} 049 \\ 8 \overline{)392} \\ \underline{0}0 \\ 39 \\ \underline{0}0 \\ 392 \\ \underline{0}00 \\ 392 \\ \underline{0}00 \\ 392 \\ \underline{0}00 \\ 392 \end{array}$$

KEY

Division

©Caffeine Queen Teacher

Division Skill: 3-Digits ÷ 1-Digit with no remainders

1

$$\begin{array}{r} 096 \\ 6 \overline{)576} \\ \underline{54} \\ 036 \\ \underline{36} \\ 0 \end{array}$$

2

$$\begin{array}{r} 086 \\ 8 \overline{)688} \\ \underline{64} \\ 048 \\ \underline{48} \\ 0 \end{array}$$

3

$$\begin{array}{r} 079 \\ 4 \overline{)316} \\ \underline{28} \\ 036 \\ \underline{36} \\ 0 \end{array}$$

4

$$\begin{array}{r} 094 \\ 3 \overline{)282} \\ \underline{27} \\ 012 \\ \underline{12} \\ 0 \end{array}$$

5

$$\begin{array}{r} 076 \\ 5 \overline{)380} \\ \underline{35} \\ 030 \\ \underline{30} \\ 0 \end{array}$$

6

$$\begin{array}{r} 076 \\ 7 \overline{)532} \\ \underline{49} \\ 042 \\ \underline{42} \\ 0 \end{array}$$

7

$$\begin{array}{r} 086 \\ 9 \overline{)774} \\ \underline{72} \\ 054 \\ \underline{54} \\ 0 \end{array}$$

8

$$\begin{array}{r} 075 \\ 2 \overline{)150} \\ \underline{14} \\ 010 \\ \underline{10} \\ 0 \end{array}$$

9

$$\begin{array}{r} 049 \\ 8 \overline{)392} \\ \underline{32} \\ 072 \\ \underline{72} \\ 0 \end{array}$$

Check out these resources:

Shapes & Colors Help Students

Multiplication & Division Bundle

2-Digit x 2-Digit Differentiated Set
Original Set
2-Digit Multiplication
Organizers Worksheets

2-Digits ÷ 1-Digit, 3-Digits ÷ 1-Digit
Original Set
Long Division
Organizers Worksheets

Visual Method Using Colors & Shapes

Organizers & Worksheets

2-Digit x 2-Digit Differentiated Set

Original Set

2-Digit Multiplication

Organizers Worksheets

Visual Method Using Colors & Shapes

2-Digits ÷ 1-Digit, 3-Digits ÷ 1-Digit

Original Set

Long Division

Organizers Worksheets

Visual Method Using Colors & Shapes

BUNDLE ~ DIGITAL & PRINTABLE ~

Main Idea

Passages & Center-Game

~ PRINT and DIGITAL ~
Main Idea Passages
Passages, Questions, Organizers, Mini-Poster

~ PRINT and DIGITAL ~
Main Idea Center Activity & Digital Game
Center is Connected

DIGITAL & PRINTABLE VERSIONS

~ PRINT and DIGITAL Set ~

Compare and Contrast

Paired Passages and Writing Set

~ PRINT and DIGITAL Set ~

Finding Text Evidence

Passages and Questions about Woodland Animals

Multiplication & Division Graph Paper Bundle

Scaffold for students
Keep students' work neat

Graph Paper Multiplication
Graph Paper Division
Graph Paper Multiplication
Graph Paper Division
Graph Paper Multiplication
Graph Paper Division
Graph Paper Multiplication
Graph Paper Division
Graph Paper Multiplication
Graph Paper Division
Graph Paper Multiplication
Graph Paper Division

ULTIMATE Bundle

Multiplication & Division

Big Bundle
Multiplication & Division
Organizers Worksheets

Multiplication & Division Graph Paper Bundle
Scaffold for students
Keep students' work neat

Organizers, Worksheets, Graph Paper Packs

~ PRINT and DIGITAL Set ~

Finding Text Evidence

Passages and Questions about Primates

Graphic Licenses



Photos taken by Caffeine Queen Teacher, CQ Resources, LLC

Thank You!

Remember - leave feedback for
Teachers Pay Teachers credit!
Follow my store for discounts
and sales!

Copyright – Terms of Use

Every page of this product is copyrighted. Permission is granted to copy pages specifically designed for student or teacher use by the original purchaser or licensee. You may not put this item on the internet, even posting it on class and district websites where the public can gain access is a violation of the Digital Millennium Copyright Act (DMCA).

Please DO:

- *Use this product with your students in your classroom.
- *Buy additional licenses for this product at 50% off for friends and colleagues by visiting your TPT "My Purchases" page.
- *Leave feedback for this product to earn TPT credit towards future purchases!

Please DO NOT:

- *Post this product online or on a class website where the public has access.
- *Give this product to others without purchasing an additional license – this includes printing copies, emailing, or sharing online.



If you have any questions or concerns, please email me:

Jules@Caffeinequeenteacher.com

Please visit my website at: www.caffeinequeenteacher.com



Become a Follower!



Hello!

I'm Jules and I'm the Caffeine Queen Teacher. I've been teaching for 30 years in special education, upper elementary, and middle school settings with some primary sprinkled in also.

I'm all about taking walks, reading, and enjoying lots and lots of coffee every day. I'm the one still holding the mug at 3:00 pm!

I love Doritos, pizza, and watching The Office reruns. I'd love for you to check out my website and sign up for my emails – feel free to email anytime!