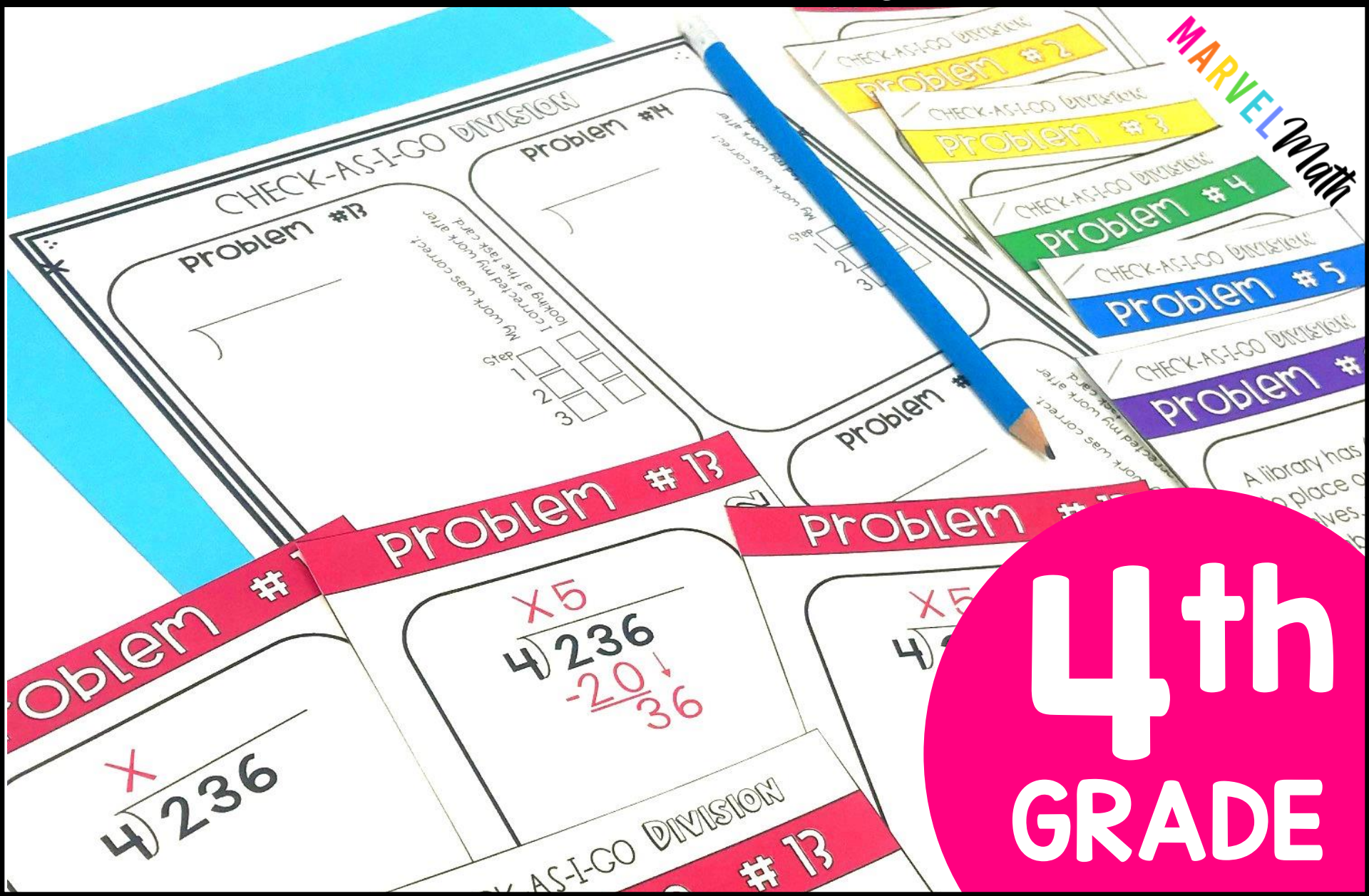
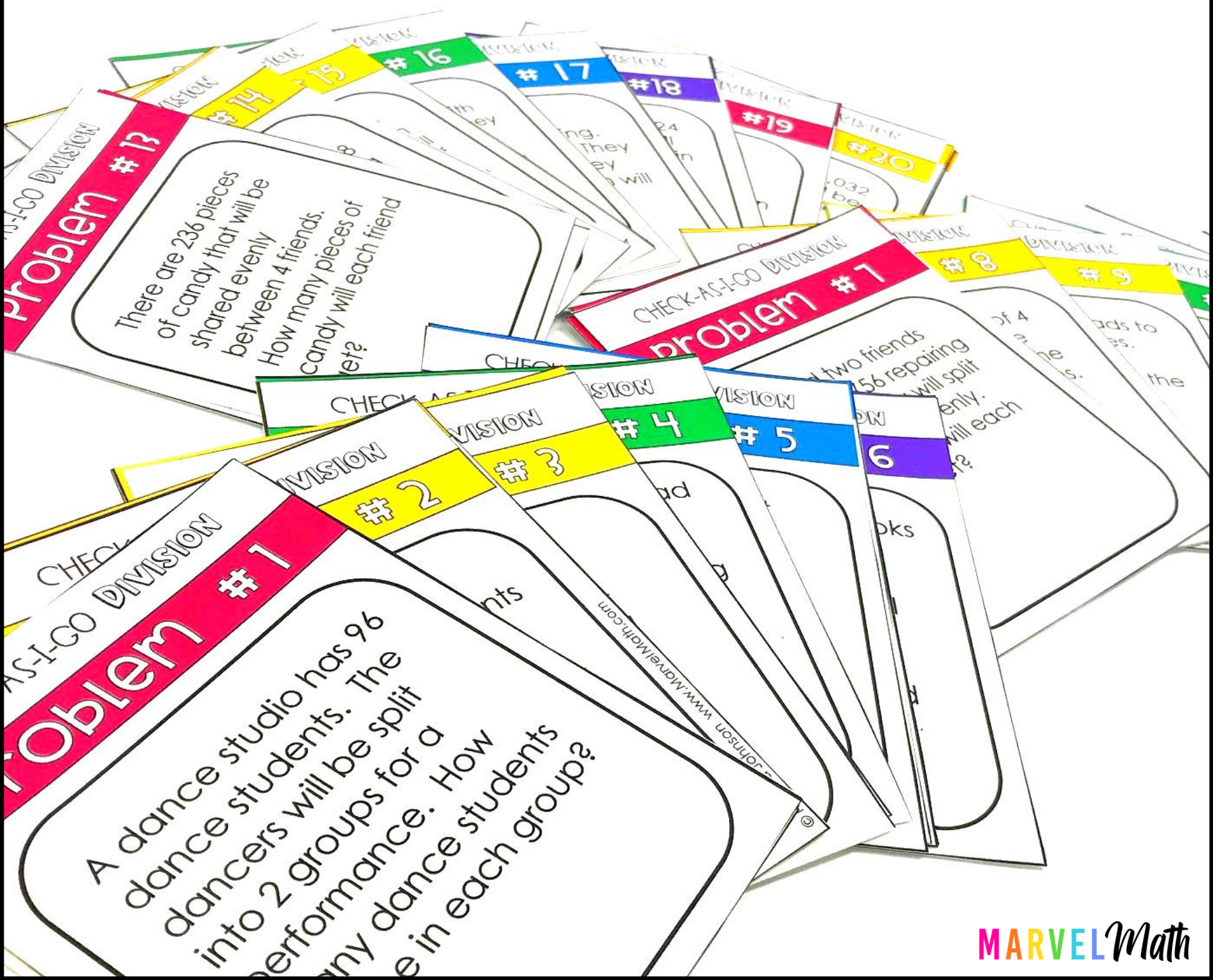


Check-As-You-Go LONG DIVISION

Build Student Independence



Divide 2, 3 or 4-Digit Numbers by 1-Digit Divisors



20 Problems

with Self-Checking Keys for Each Step

CHECK-AS-I-GO DIVISION

Problem # 4

Joshua needs to read 85 pages in a book. He has 5 days to complete this reading assignment. He will read the same number of pages each day. How many

Problem # 4

STEP 1

$$\begin{array}{r} 1 \\ 5 \overline{) 85} \\ \underline{-5} \\ 35 \end{array}$$

STEP 2

$$\begin{array}{r} 17 \\ 5 \overline{) 85} \\ \underline{-5} \\ 35 \\ \underline{-35} \\ 0 \end{array}$$

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CHECK-AS-I-GO DIVISION

Problem # 1

Eric and two friends earned \$756 repairing fences. They will split the money evenly. How much will each person get?

Problem # 1

STEP 1

$$\begin{array}{r} 2 \\ 3 \overline{) 756} \\ \underline{-6} \\ 15 \end{array}$$

STEP 2

$$\begin{array}{r} 25 \\ 3 \overline{) 756} \\ \underline{-6} \\ 15 \\ \underline{-15} \\ 06 \end{array}$$

STEP 3

$$\begin{array}{r} 252 \\ 3 \overline{) 756} \\ \underline{-6} \\ 15 \\ \underline{-15} \\ 06 \\ \underline{-6} \\ 0 \end{array}$$

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CHECK-AS-I-GO DIVISION

Problem #18

A factory made 4,724 cell phones. The cell phones are shipped in boxes that each contain 5 cell phones. How many full boxes of cell phones can be shipped?

Problem #18

STEP 1

$$\begin{array}{r} \times \\ 5 \overline{) 4,724} \end{array}$$

STEP 2

$$\begin{array}{r} \times 9 \\ 5 \overline{) 4,724} \\ \underline{-45} \\ 22 \end{array}$$

STEP 3

$$\begin{array}{r} \times 94 \\ 5 \overline{) 4,724} \\ \underline{-45} \\ 22 \\ \underline{-20} \\ 24 \end{array}$$

STEP 4

$$\begin{array}{r} \times 944 \text{ r. } 4 \\ 5 \overline{) 4,724} \\ \underline{-45} \\ 22 \\ \underline{-20} \\ 24 \\ \underline{-20} \\ 4 \end{array}$$

The factory can ship 944 boxes of cell phones.

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Bonus Review Cards

to help students remember each step

CHECK-AS-I-GO DIVISION

review #1

Divide:
How many groups of 2 are in 8? **4**

Multiply:
4 groups of 2 = **8**

Subtract:
 $8 - 8 = 0$

Compare:
Is the difference (0) less than the divisor (2)? **YES**
If it isn't, you need to go back to the divide step.

Bring Down: Bring down the 5.

review #2

review #3

review #4

CHECK-AS-I-GO DIVISION

Problem #1

A dance studio has 96 dance students. The dancers will be split

#2

72 students

#3

air will

#4

read book.

#5

split y es. s will

#6

5 books book ne

Great as an Independent Math Station

Leave as a whole page or cut each step apart

Problem #19 STEP 2 $\begin{array}{r} 2,4 \\ 4 \overline{) 9,828} \\ \underline{-8} \\ 18 \\ \underline{-16} \\ 22 \end{array}$	Problem #19 STEP 3 $\begin{array}{r} 2,45 \\ 4 \overline{) 9,828} \\ \underline{-8} \\ 18 \\ \underline{-16} \\ 22 \\ \underline{-20} \\ 28 \end{array}$
Problem #19 STEP 4 $\begin{array}{r} 2,457 \\ 4 \overline{) 9,828} \\ \underline{-8} \\ 18 \\ \underline{-16} \\ 22 \\ \underline{-20} \\ 28 \\ \underline{-28} \\ 0 \end{array}$ Each section has 2,457 seats.	CHECK-AS-I-GO DIVISION Problem #20 A farm collected 6,032 eggs. The eggs will be packed in cartons that each hold 6 eggs. How many full cartons can the farm pack?

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Color and Black & White Cards Included

CHECK-AS-I-GO DIVISION

Problem # 6

A library has 615 books to place on 5 book shelves. The same number of books will be placed on each shelf. How many books will be placed on each shelf?

Problem # 6

$$\begin{array}{r} 1 \\ 5 \overline{) 615} \\ \underline{-5} \\ 11 \end{array}$$

STEP 1

CHECK-AS-I-GO DIVISION

Problem # 6

A library has 615 books to place on 5 book shelves. The same number of books will be placed on each shelf. How many books will be placed on each shelf?

Problem # 6

$$\begin{array}{r} 1 \\ 5 \overline{) 615} \\ \underline{-5} \\ 11 \end{array}$$

STEP 1

Problem # 6

$$\begin{array}{r} 12 \\ 5 \overline{) 615} \\ \underline{-5} \\ 11 \\ \underline{-10} \\ 15 \end{array}$$

STEP 2

Problem # 6

$$5 \overline{) 615}$$

123 books on each shelf

Problem # 6

$$\begin{array}{r} 12 \\ 5 \overline{) 615} \\ \underline{-5} \\ 11 \\ \underline{-10} \\ 15 \end{array}$$

STEP 2

Problem # 6

$$\begin{array}{r} 123 \\ 5 \overline{) 615} \\ \underline{-5} \\ 11 \\ \underline{-10} \\ 15 \\ \underline{-15} \\ 0 \end{array}$$

STEP 3

123 books will be placed on each shelf

About the Author

This resource was created by Melissa Johnson, who has 16 years of k-10 teaching experience and a masters degree in Mathematics Education. Her resources build conceptual understanding, make connections between math topics and engage students in the mathematics they are learning.

