

# What Do You Do With the Poor Remainder?

$$\begin{array}{r} 193 \\ 5 \overline{)965} \\ \underline{-5} \phantom{0} \\ 46 \phantom{0} \\ \underline{-45} \phantom{0} \\ 15 \phantom{0} \\ \underline{15} \\ 0 \end{array}$$

$3 \times 5 = 15$

Grade 5  
Core Concept/Math/Music

**Objective:** During a math lesson on division with remainders, students will learn a song to familiar music, focusing on ways that one can interpret the remainder in a division problem.

## Grade 5 Core Curriculum Music:

### Standard 1: Singing:

The student will develop the voice and body as instruments of musical expression.

**Objective 1:** Demonstrate ability to sing in tune on an assigned part, with expression and free from strain.

## Grade 5 Core Curriculum Math:

Domain: Operations and Algebraic Thinking

Write and interpret numerical expressions.

## Equipment and Materials needed:

Copy of song verses.

Music on a minus track: <http://www.successfulsinging.com/learn-to-sing/free-vocal-exercise/> It is probably not a song that we want them to learn the true words to, so it is best to teach just the music! It is a classic sea shanty, but I like my words better.

## Introduction:

WHAT DO YOU DO WITH THE POOR REMAINDER?

What do you do with the poor remainder,

What do you do with the poor remainder,

What do you do with the poor remainder,

When you do division?

Sometimes you drop it altogether,

Sometimes you drop it altogether,

Sometimes you drop it altogether

When you do division!

Sometimes you round it up one higher,

Sometimes you round it up one higher

Sometimes you round it up one higher,  
When you do division!

Sometimes it's pennies on the dollar,  
Sometimes it's pennies on the dollar,  
Sometimes it's pennies on the dollar,  
When you do division!  
Is it a fraction of the whole (wh-ole)?  
Is it a fraction of the whole (wh-ole)?  
Is it a fraction of the whole (wh-ole)?  
When you do division?

Maybe the remainder is the answer.  
Maybe the remainder is the answer.  
Maybe the remainder is the answer.  
When you do division

Learning different ways to treat the remainder of a division problem, by putting different ways into a song to memorize them. Sometimes the URL on the document comes up as an error. Try this URL, and go down half-way on the page to find the music.

<http://www.successfulsinging.com/?s=What+do+we+do+with+a+Drunken+sailor>