## Class Error Report for J. Smith

Test Date: Oct 10, 2013
pages 1 of 1

## The item examples below represent the most common types of errors made by students who wrote this test.

## Example 1

What is another way to write the ratio 4 to 9 ?

About 40\% of the students in your class are likely to give an incorrect answer. This indicates some difficulties students may have in understanding the relationship between verbal and symbolic representations of ratio.

## Example 2

For the picture above, what does the ratio 5:11 represent?

About 35\% of the students in your class are likely to give an incorrect answer. This indicates some difficulties students may have conceptualizing part-to-whole relationships.

## Example 3

David has 3 blue beads and 5 red beads. Mark has twice as many blue and red beads as David. What is the ratio of blue to red beads for Mark?

About 30\% of the students in your class are likely to give an incorrect answer. This indicates students may have difficulties understanding verbally described ratio problems, or they may have difficulties expanding a ratio.

