

Name _____

Date _____

Lesson 6: Collecting Rational Number Like Terms

Exit Ticket

For the problem $\frac{1}{5}g - \frac{1}{10} - g + 1\frac{3}{10}g - \frac{1}{10}$, Tyson created an equivalent expression to the problem using the following steps:

$$\begin{aligned} \frac{1}{5}g + -1g + 1\frac{3}{10}g + -\frac{1}{10} + -\frac{1}{10} \\ -\frac{4}{5}g + 1\frac{1}{10} \end{aligned}$$

Is his final expression equivalent to the initial expression? Show how you know. If the two expressions are not equivalent, find Tyson's mistake and correct it.