

Name _____

Date _____

Lesson 8: Applying the Properties of Operations to Add and Subtract Rational Numbers

Exit Ticket

Mariah and Shane both started to work on a math problem and were comparing their work in math class. Are both of their representations correct? Explain, and finish the math problem correctly to arrive at the correct answer.

Math Problem

Jessica's friend lent her \$5. Later that day Jessica gave her friend back $1\frac{3}{4}$ dollars.

Which rational number represents the overall change to the amount of money Jessica's friend has?

Mariah started the problem as follows:

$$\begin{aligned} -5 - \left(-1\frac{3}{4}\right) \\ = -5 + 1 - \frac{3}{4} \end{aligned}$$

Shane started the problem as follows:

$$\begin{aligned} -5 - \left(-1\frac{3}{4}\right) \\ = -5 + \left(1\frac{3}{4}\right) \\ = -5 + \left(1 + \frac{3}{4}\right) \end{aligned}$$
