Name _____   Date_____

Lesson 15: Multiplication and Division of Rational Numbers

Write a multiplication or division equation to represent (a), (b), and (c). Show all related work.

1. Harrison made up a game for his math project. It is similar to the Integer Game; however, in addition to integers, there are cards that contain other rational numbers such as -0.5 and -0.25.

   a.   Harrison discards three -0.25 cards from his hand. How does this affect the overall point value of his hand? Write an equation to model this situation.

   b.   Ezra and Benji are playing the game with Harrison. After Ezra doubles his hand's value, he has a total of -14.5 points. What was his hand's value before he doubled it?

   c.   Benji has four -0.5 cards. What is his total score?