

Name _____

Date _____

Lesson 15: Multiplication and Division of Rational Numbers

Exit Ticket

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 . Write a multiplication or division equation to represent each problem below. Show all related work.

6. 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.

7. 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?

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



Exit Ticket

For use after Lesson 3.1

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Simplify the expression.

1. $8v - 15v$

2. $7d + 5 - 4d$

3. $12x + 9 - 3x - 4$

4. $3(x - 4) + 5x$

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1) Solve and check your answer. $-\frac{3}{5}a = 2$

Answer: _____

2) BANANAS COST \$0.45 PER POUND. WHAT EQUATION IS USED TO FIND "C", THE TOTAL COST OF "P" POUNDS OF BANANAS?

A $C = 0.45p$

B $C = p \div 0.45$

C $0.45C = p$

D $0.45 \div C = p$

3) A bus token costs \$1.75.

- a. You spend \$15.75 on tokens. Write and solve an equation to find how many tokens you purchase.

Equation: _____

Answer: _____