

Name	Date

## Lesson10: Addition and Subtraction of Rational Numbers

## **Exit Ticket**

At the beginning of the summer, the water level of a pond is 2 feet below its normal level. After an unusually dry summer, the water level of the pond dropped another  $1\frac{1}{3}$  feet.

1. Use a number line diagram to model the pond's current water level in relation to its normal water level.

2. Write an equation to show how far above or below the normal water level the pond is at the end of the summer.



Lesson 7:

Addition and Subtraction of Rational Numbers



Topic: Dividing Rational Numbers  Exit Ticket  Write a multiplication or division equation to represent (a), (b), and (c). Show all related work.  Harrison made up a game for his math project. It is similar to the Integer Game; however, in addition to 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 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 tota points. What was his hand's value before he doubled it?	
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	of -14.5
c. Benji has four $-0.5$ cards. What is his total score?	

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## 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?



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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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	<u>Exit</u>	<u>Ticket</u>
1) Solve and	d check your answer.	$-\frac{3}{5}a = 2$
		J
Answer:		
2) Ban	anas costs of 45 fer	POUND, WHAT EQUATION 19 USED TO FINE C", THE TOTAL COST OF
	unds of Bananas?	
А	C = 0.45p	
В	C = p ÷ 0.45	
C	0.45C = p	
D	$0.45 \div C = \rho$	
3) A bus toker	n costs \$1.75.	
	11.0	ns. Write and solve an equation to find
how	many tokens you pure	chase.
Equation:		

Answer: