

Lesson 18T ~ Subtracting Rational Numbers

Name _____ Period _____ Date _____

Find each difference. Write your answer in simplest form.

1. $-\frac{4}{9} - \frac{3}{9}$ \longrightarrow Change the subtraction symbol to an addition symbol and add the opposite. \longrightarrow $-\frac{4}{9} + \left(-\frac{3}{9}\right)$

2. $\frac{1}{4} - \left(-\frac{1}{2}\right)$

3. $-\frac{3}{4} - \left(-\frac{1}{3}\right)$

4. $-3\frac{1}{2} - 2\frac{1}{4}$

5. $5 - 2\frac{1}{3}$

6. Betty added $1\frac{3}{4}$ pounds of nuts to a snack bowl. Her son took $2\frac{1}{8}$ pounds of nuts out of the bowl. What was the total change in pounds of nuts in the snack bowl?

a. Write an equation to represent the situation. $\boxed{} - \boxed{} =$

b. What was the total change in pounds of nuts in the snack bowl? Write your answer in a complete sentence.

Find each difference.

7. $4.2 - (-2.7)$

8. $-1.3 - 5.4$

9. $4.8 - (-10.5)$

10. $-0.2 - (-0.4)$

11. $-2.85 - 7.1$

12. $8 - 12.3$

13. Kinsley's checking account had \$35.50 on Monday. One of her checks was cashed on Tuesday and her account went down to $-\$10.25$. What was the value of the check that was cashed?