

Extra Practice

Unit 2 Lessons 4-6: Rational Numbers:
Credit & Debit, Electric Charge



Name: _____

Date: _____

Directions: Read each description and write the associated rational number.

1. Harry's bank account has a balance of $-\$275$. Explain how he can get to a zero balance.

2. During a football game a quarterback was sacked and lost 8 yards.

How would the rational number change if he ran the ball and gained 8 yards?

3. Karen received $\$200$ for her birthday and deposited the whole amount in her savings account. She already had $\$87$ in her savings account. How much money does she have now in her savings account?

4. Gary's checking account had a balance of $\$75$. The account was then debited $\$125$ for a purchase. What is the new balance of the checking account?

Extra Practice

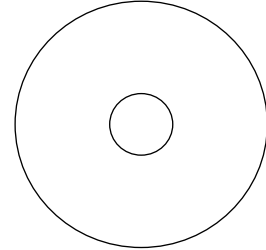
Unit 2 Lessons 4-6: Rational Numbers:
Credit & Debit, Electric Charge



Directions: Read each description and write the associated rational number.

5. What is the overall charge of a group with 8 protons and 8 electrons?

What electric charge does this group have?
Draw a visual model to support your answer.



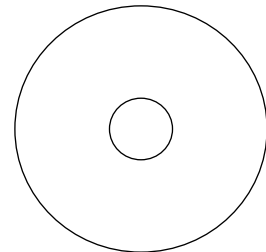
6. What is the overall charge of a group with 3 protons and 4 electrons?

What electric charge does this group have?

What grouping would have the opposite electric charge?

7. What is the overall charge of a group with 2 protons and 4 electrons?

What electric charge does this group have?
Draw a visual model to support your answer.



8. What is the overall charge of a group with 4 protons and 2 electrons?

What electric charge does this group have?

What grouping would have the opposite electric charge?