

Name _____

Date _____

Lesson 23: Solving Equations Using Algebra

Exit Ticket

Andrew's math teacher entered the 7th grade students in a math competition. There was an enrollment fee of **\$30** and also an **\$11** charge for each packet of **10** tests. The total cost was **\$151**. How many tests were purchased?

Set up an equation to model this situation, solve it using if-then statements, and justify the reasons for each step in your solution.