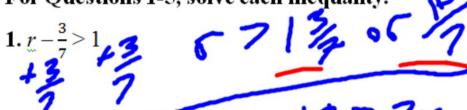
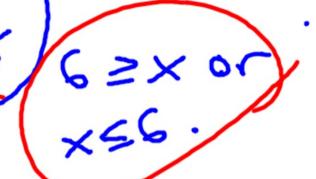
Part I Write the letter for the correct answer in the blank at the right of each question.

For Questions 1-5, solve each inequality.

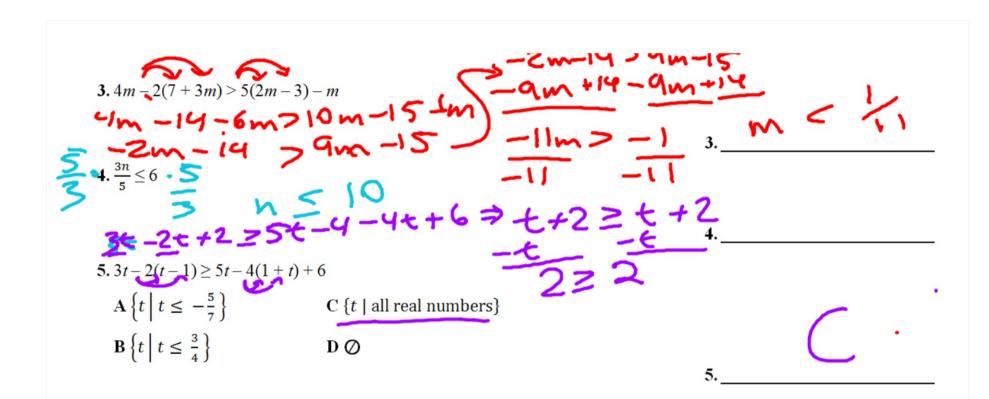




1.

3 3

2.____

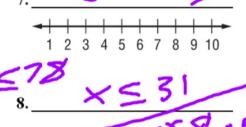


Part II

- **6.** Solve the inequality 3.2 > -7 + t. Check your solution.
- 7. Solve the inequality 2x + 3 > 9. Then graph the solution set.

Define a variable, write an inequality, and solve each problem.

- 8. For a package to qualify for a certain postage rate, the sum of its length and girth cannot exceed 78 inches. If the girth is 47 inches, how long can the package be?
- 9. The minimum daily requirement of vitamin C for 14-year-olds is at least 60 milligrams per day. An average-sized apple contains 8 milligrams of vitamin C. How many apples would a person have to eat each day to satisfy this requirement?



10.2

Chapter 5

Glencoe Algebra 1