## Chapter 4 Inequalities

## Y Chart

## 1-8. Sample answers are given.

1. 


2.


## Chapter 4 (continued)


5. Solving inequalities
using addition


## Chapter 4 (continued)

6. 


7.

| Solving two-step <br> equations <br> Solving two-step <br> inequalities <br> - The sign between two <br> expressions is an <br> equal sign, $=$. <br> - One number is the <br> solution. <br> - The sign between two <br> expressions is an <br> inequality symbol: <br> $<,>, \leq o r \geq$. <br> - Use than one number inverse operations to isolate the variable. <br> can be a solution. <br> - Group numbers on one side, variables on the other side, <br> and solve for the variable. |
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8. 

| Adding integers <br> Adding integers <br> with different signs <br> - Add the absolute same sign <br> walues of the integers. <br> Then use the common <br> sign. <br> - Subtract the lesser <br> absolute value from the <br> greater absolute value. <br> Then use the sign of <br> the integer with the <br> greater absolute <br> value. <br> •Sums can be negative or positive. |
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