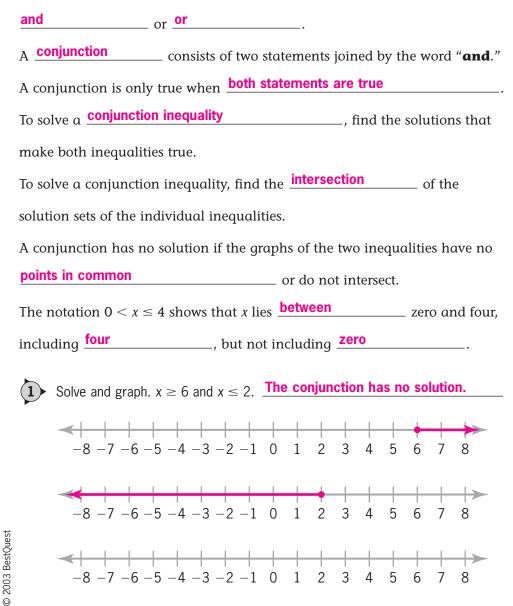
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Module 5	Solving Linear Inequalities of
	One Variable
Lesson 5	Solving Conjunction Inequalities

Lesson Objectives

- Solve and graph the solution sets to conjunctions.
- Use the notation *a* < *x* < *b* to show that *x* lies between *a* and *b*, *a* < *b*.

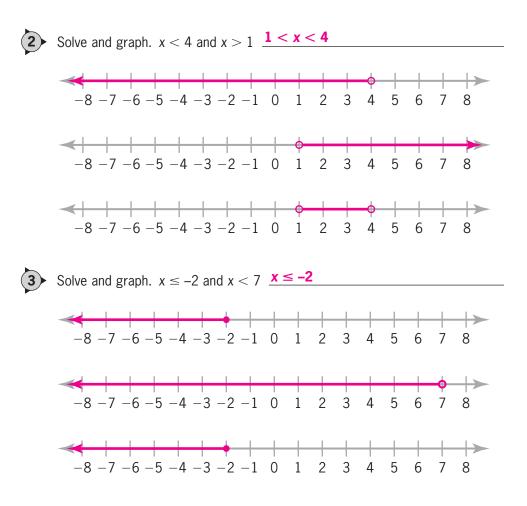
A compound inequality is two inequalities joined by the words



Module 5 Lesson 5

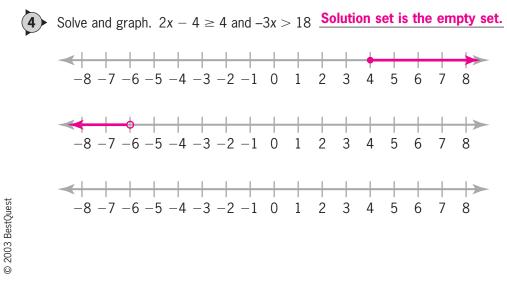
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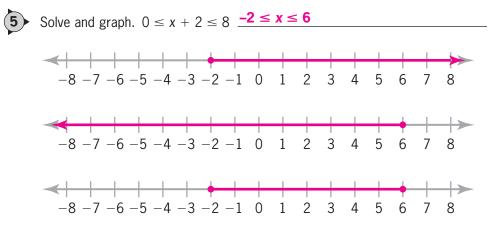
To solve the conjunction inequality -2 < x + 6 < 10, isolate the variable **between the inequality signs**

The conjunction 10 > 5 > 1 can be written as 1 < 5 < 10 by reading from right to left.



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Guided Notes

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