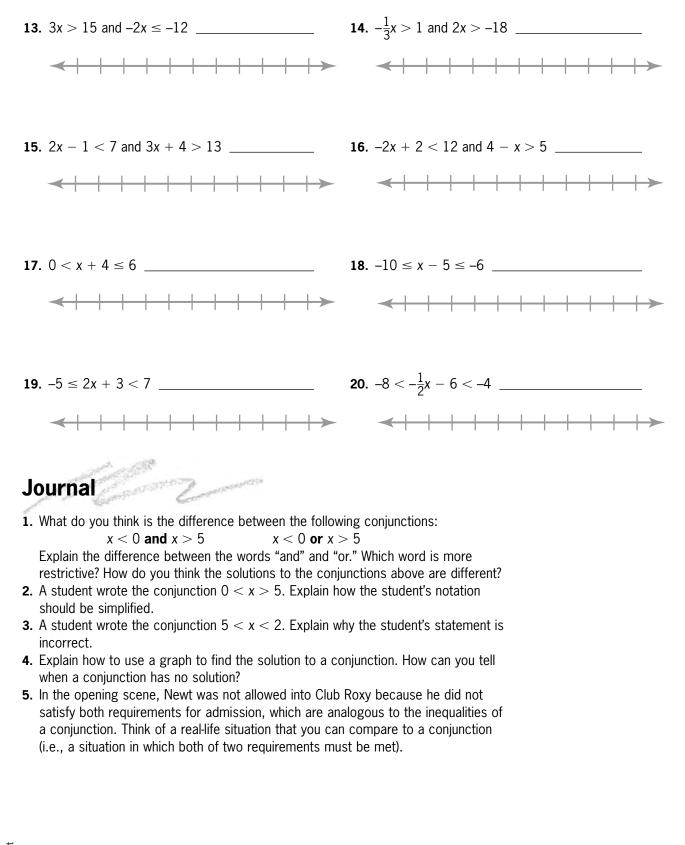


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Module 5 Lesson 5

Independent Practice

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Cumulative Review

Solve.

- **1.** 6x + 2 = x + 17 _____
- **3.** 10x 3 = 3x 1 _____
- **5.** 3x 4 = 2(2x 3) + 8 _____
- In a triangle with a perimeter of 34 m, the first side is 3 m shorter than the second. The third side is 4 m longer than the second. Find the length of the longest side.
- **2.** x 2 = -3x + 6 _____
- **4.** 2(x + 1) 23 = -5x _____
- **6.** 3x 14 = 2(x 1) + x
- **8.** In an isosceles triangle, each base angle has half the measure of the vertex angle. Find the measure of each base angle.
- **9.** How many pounds of coffee costing \$2.25 per pound should be mixed with 6 lb of coffee costing \$3.50 per pound to make a mixture that costs \$3.00 per pound?
- 10. A family drove to a reunion at an average speed of 50 mph. They returned over the same road at an average speed of 40 mph. If the total drive time was 9 hours, find the distance to the reunion.

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Module 5 Lesson 5

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