**Lesson 11 Homework Practice**

***Solve Multi–Step Equations with Variables on Both Sides***

**Solve each equation. Check your solution.**

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| **Question 1** | **Question 2** | **Question 3** |
| $$4a - 3(a - 2) = 2(3a - 2)$$ | $$14 - 2(3p + 1) = 6(4 + p)$$ | $$x - (4x - 7) = 5x - (x + 21)$$ |



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| **4. BACKPACKING** Guido and Raoul each went backpacking in Glacier National Park. The expressions $4(d + 2)-2d$and $3(2 + d) $represent the respective distances Guido and Raoul hiked each day. On what day number *d* will their distance hiking be the same? | **5.** **GEOMETRY** The triangle and square shown have the same perimeter. What is the length of the longest side of the triangle? |



 