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## Algebra Activity Recording Sheet

(Use with the Lesson 3-4 Preview Activity on page 141 in the Student Edition.)

## Solving Multi-Step Equations

Materials: equation mats, algebra tiles

## Model

Use algebra tiles to solve each equation.

1. $2 x-3=-9$
2. $3 x+5=14$
3. $3 x-2=10$
4. $-8=2 x+4$
5. $3+4 x=11$
6. $2 x+7=1$
7. $9=4 x-7$
8. $7+3 x=-8$

Make a Conjecture
9. What steps would you use to solve $7 x-12=-61$ ?

