Algebra Activity Recording Sheet

(Use with the Lesson 3-2 Preview Activity on page 127 in the Student Edition.)

Solving Addition and Subtraction Equations

Materials: equation mats, algebra tiles

Model and Analyze
Use algebra tiles to solve each equation.

1. $x + 5 = 7$ **2.** $x + (-2) = 28$

3. $x + 4 = 27$ **4.** $x + (-3) = 4$

5. $x + 3 = -4$ **6.** $x + 7 = 2$

Make a Conjecture
7. If $a = b$, what can you say about $a + c$ and $b + c$?

8. If $a = b$, what can you say about $a - c$ and $b - c$?

Algebra 1—Chapter 3