

Name _____

Model and Solve Addition Equations**COMMON CORE STANDARD—6.EE.7***Reason about and solve one-variable equations and inequalities.***Model and solve the equation by using algebra tiles.**

1. $x + 6 = 9$

2. $x + 5 = 6$

3. $9 = x + 1$

$x = 3$

4. $8 + x = 10$

5. $x + 7 = 11$

6. $4 = 2 + x$

Solve the equation by drawing a model.

7. $x + 4 = 7$

8. $x + 6 = 10$

Problem Solving

9. The temperature at 10:00 was 10°F . This is 3°F warmer than the temperature at 8:00. Model and solve the equation $x + 3 = 10$ to find the temperature x in degrees Fahrenheit at 8:00.

10. Jasper has 7 more checkers left than Karen does. Jasper has 9 checkers left. Write and solve an addition equation to find out how many checkers Karen has left.