Lesson Check (CC.6.EE.7)
1. What is the solution of the equation that is modeled by the algebra tiles?

A $x = 0$
B $x = 1$
C $x = 3$
D $x = 6$

2. Carlos bought 5 tickets to a play for a total of $20. The equation $5c = 20$ can be used to find the cost $c$ in dollars of each ticket. How much does each ticket cost?

A $4$
B $5$
C $10$
D $15$

3. A rectangle is 12 feet wide and 96 inches long. What is the area of the rectangle? (Lesson 6.4)

A 8 square feet
B 88 square feet
C 96 square feet
D 1,152 square feet

4. Evaluate the algebraic expression $24 - x + y$ for $x = 8$ and $y = 2$. (Lesson 7.5)

A 4
B 8
C 16
D 20

5. Ana bought a 15.5-pound turkey at the grocery store this month. The equation $p - 15.5 = 2.5$ gives the weight $p$, in pounds, of the turkey she bought last month. Which of the following is a solution of the equation? (Lesson 8.1)

A $p = 3$
B $p = 13$
C $p = 18$
D $p = 30$

6. A pet store usually keeps 12 birds per cage, and there are 7 birds in the cage now. The equation $7 + x = 12$ can be used to find the remaining number of birds $x$ that can be placed in the cage. What is the solution of the equation?

A $x = 4$
B $x = 5$
C $x = 19$
D $x = 20$