Lesson Check (CC.6.EE.9)

1. There are 12 boys in a math class. The total number of students $s$ depends on the number of girls in the class $g$. Which equation represents this situation?
   
   A) $g = 12s$
   B) $s = 12g$
   C) $g = 12 + s$
   D) $s = 12 + g$

2. A store received a shipment of soup cans. The clerk put an equal number of cans on each of 4 shelves. Which equation represents the relationship between the total number of cans $t$ and the number of cans on each shelf $n$?
   
   A) $n = t + 4$
   B) $n = t - 4$
   C) $n = 4t$
   D) $n = t + 4$

Spiral Review (CC.6.EE.2c, CC.6.EE.7, CC.6.EE.8)

3. The expression $9C ÷ 5 + 32$ gives the Fahrenheit temperature for a Celsius temperature of $C$ degrees. Gwen had a Celsius temperature of 35 degrees. What was her temperature in degrees Fahrenheit? (Lesson 7.5)
   
   A) 92 degrees
   B) 95 degrees
   C) 98 degrees
   D) 104 degrees

4. Which equation represents the sentence below? (Lesson 8.2)
   The difference of a number $n$ and 1.8 is 2.
   
   A) $\frac{n}{1.8} = 2$
   B) $n - 1.8 = 2$
   C) $2 - 1.8 = n$
   D) $1.8n = 2$

5. Drew drank 4 cups of orange juice. This is $\frac{2}{3}$ of the total amount of juice that was in the container. Solve $\frac{2}{3}x = 4$ for $x$. How much juice was in the container? (Lesson 8.7)
   
   A) 0.8 cup
   B) 1.6 cups
   C) 10 cups
   D) 20 cups

6. Which of the following shows all of the solutions to $x \leq -4.5$? (Lesson 8.10)
   
   A
   B
   C
   D