Lesson Check (CC.6.EE.8)

1. Which inequality is shown in the graph?

![Graph with a line segment from -5 to 4, including the point at -2 with a solid dot.]

A. \( x < -2 \)
B. \( x > -2 \)
C. \( x \leq -2 \)
D. \( x \geq -2 \)

2. Which of the following describes the graph of \( g < 0.6 \)?
   A. Empty circle at 0.6 with shading to the left
   B. Empty circle at 0.6 with shading to the right
   C. Filled-in circle at 0.6 with shading to the left
   D. Filled-in circle at 0.6 with shading to the right


3. Which expression shows the product of 5 and the difference of 12 and 9? (Lesson 7.4)
A. \( 5 - 12 - 9 \)
B. \( 5 \times 12 \times 9 \)
C. \( 5 \times (12 - 9) \)
D. \( (5 - 12) \times 9 \)

4. Which of the following is a solution of the equation \( 8.7 + n = 15.1 \)? (Lesson 8.1)
   A. \( n = 23.8 \)
   B. \( n = 22.8 \)
   C. \( n = 7.4 \)
   D. \( n = 6.4 \)

5. The equation \( 12x = 96 \) gives the number of 12-centimeter pieces that can be cut from a 96-centimeter ribbon. What is the solution of the equation? (Lesson 8.6)
   A. \( x = \frac{1}{8} \)
   B. \( x = 8 \)
   C. \( x = 84 \)
   D. \( x = 1,152 \)

6. The lowest price of an MP3 of a song in an online store is $0.99. Which of the following inequalities represents the price \( p \) of any MP3 in the store? (Lesson 8.9)
   A. \( p < 0.99 \)
   B. \( p \leq 0.99 \)
   C. \( p > 0.99 \)
   D. \( p \geq 0.99 \)