Lesson Check (CC.6.EE.5)

1. Sheena received a gift card for $50. She has already used it to buy a lamp for $39.99. The equation $39.99 + x = 50$ can be used to find the amount $x$ that is left on the gift card. Which is a solution of the equation?
   - A $x = $10.01
   - B $x = $11.01
   - C $x = $11.99
   - D $x = $89.99

2. When Peter had a fever, his temperature was 101.4°F. After taking some medicine, his temperature was 99.2°F. The equation $101.4 - d = 99.2$ gives the number of degrees $d$ that Peter’s temperature decreased. Which of the following is the solution of the equation?
   - A $d = 1.2$
   - B $d = 2.2$
   - C $d = 3.2$
   - D $d = 4.2$


3. Melanie has saved $60 so far to buy a lawn mower. This is 20% of the price of the lawn mower. What is the full price of the lawn mower that she wants to buy? (Lesson 5.6)
   - A $120
   - B $300
   - C $1,200
   - D $3,000

4. A team of scientists is digging for fossils. The amount of soil in cubic feet that they remove is equal to $6^3$. How many cubic feet of soil do the scientists remove? (Lesson 7.1)
   - A 9 cubic feet
   - B 18 cubic feet
   - C 72 cubic feet
   - D 216 cubic feet

5. Andrew made $p$ picture frames. He sold 2 of them at a craft fair. Which expression could be used to find the number of picture frames Andrew has left? (Lesson 7.6)
   - A $p - 2$
   - B $2 - p$
   - C $\frac{p}{2}$
   - D $\frac{2}{p}$

6. Which expression is equivalent to $4 + 3(5 + x)$? (Lesson 7.9)
   - A $7(5 + x)$
   - B $3 + 4(5 + x)$
   - C $4 + 15 + 3x$
   - D $4 + 15 + x$