Lesson Check (CC.6.EE.7)

1. The price tag on a shirt says $21.50. The final cost of the shirt, including sales tax, is $23.22. The equation $21.50 + t = 23.22$ can be used to find the amount of sales tax $t$ in dollars. What is the sales tax?

   A $0.72
   B $1.72
   C $2.28
   D $4.72

2. The equation $\ell - 12.5 = 48.6$ can be used to find the original length $\ell$ in centimeters of a wire before it was cut. What was the original length of the wire?

   A 35.9 centimeters
   B 36.1 centimeters
   C 50.1 centimeters
   D 61.1 centimeters


3. Which rule can you use to convert a mass in centigrams to a mass in milligrams? (Lesson 6.3)

   A Multiply by 10.
   B Multiply by 100.
   C Divide by 10.
   D Divide by 100.

4. In the expression $4 + 3x + 5y$, what is the coefficient of $x$? (Lesson 7.4)

   A 3
   B 4
   C 5
   D 12

5. Which of the following expressions is equivalent to $10c$? (Lesson 7.9)

   A $5c + 5$
   B $10 + c$
   C $0(10c)$
   D $c + 9c$

6. Miranda bought a movie ticket and popcorn for a total of $10. The equation $7 + x = 10$ can be used to find the cost $x$ in dollars of the popcorn. How much did the popcorn cost? (Lesson 8.3)

   A $3$
   B $4$
   C $7$
   D $17$