Linear Equation

Multiple choice questions

1) The value of x in $x + 3 = -1$ is
   a) 4
   b) -4
   c) -1
   d) -3

2) The value of t for the equation $\frac{t}{2} = -5$ is
   a) 2
   b) -5
   c) 10
   d) -10

3) What is the value of x in $15x = -1$?
   a) -1
   b) 15
   c) $-\frac{1}{15}$
   d) $\frac{1}{15}$

4) Which value of x satisfies $-7x = -35$
   a) 7
   b) -35
   c) -5
   d) 5

5) What is the solution of x for the equation $9x + 14 = 10x - 14$?
   a) 28
   b) -28
   c) 0
   d) 1

6) If $\frac{2z}{5} = -10$, then z is
   a) 25
   b) -25
   c) -50
   d) 50

7) If $6p + 14 = p + 4$, then the value of p is
   a) 2
   b) -12
   c) -2
   d) 12

8) Which value of x does satisfy $\frac{x}{2} = \frac{5}{12}$?
   a) $\frac{2}{5}$
   b) $\frac{5}{2}$
   c) $\frac{6}{5}$
   d) $\frac{5}{6}$

9) If $2.5 + x = 2x + 1.5$, then $x = ?$
   a) 1
   b) -1
   c) 1.5
   d) 2.5

10) The value of y for $3(y + 15) = 2y - 10$ is
   a) 35
   b) -45
   c) -55
   d) 55