Which x satisfies an equation?

1. What value of x is a solution to the equation $12 - x = 8$?
   $x = -4$ or $x = 4$

2. Solve the problems below and choose the answer from the list.

   $60 - 20x = 20$
   - $x = 4$
   - $x = 3$
   - $x = 2$
   - $x = 1$

   $1/2 + x/2 = 7$
   - $x = 13$
   - $x = 10$
   - $x = 9$
   - $x = 0$

   $p/100 = 1/2$
   - $20$
   - $25$
   - $100$
   - $50$

   $45s = 270$
   - $s = 5$
   - $s = 6$
   - $s = 10$
   - $s = 3$
1. What value of $x$ is a solution to the equation $12 - x = 8$?
   
   $x = -4$ or $x = 4$

   To find the solution, substitute each value of $x$ into the equation $12 - x = 8$
   
   substitute the value $x = -4$ into the equation:
   
   $12 - (-4) \neq 8$
   
   $12 + 4 \neq 8$
   
   $16 \neq 8$

   No $16$ is not equal to $8$

   So, the value $x = -4$ is not a solution to this equation.

   Try substituting the value $x = 4$ into the equation:
   
   $12 - x = 8$
   
   $12 - 4 = 8$

   Yes, $8 = 8$

   So, the value $x = 4$ is a solution to this equation.

2. Solve the problems below and choose the answer from the list.

   $60 - 20x = 20$

   $\square$ x = 4 $\square$ x = 3 $\checkmark$ x = 2 $\square$ x = 1

   $1/2 + x/2 = 7$

   $\checkmark$ x = 13 $\square$ x = 10 $\square$ x = 9 $\square$ x = 0

   $p/100 = 1/2$

   $\square$ 20 $\square$ 25 $\square$ 100 $\checkmark$ 50

   $45s = 270$

   $\square$ s = 5 $\checkmark$ s = 6 $\square$ s = 10 $\square$ s = 3