# Linear Equations

1. If $8x - 4 = 6x - 10$, find the value of $5x$

2. Find the value of x which satisfies the equation:
   $5 ( x- 7 ) = 7x - 5$

3. Solve ; $6 ( x - 4 ) + 3 ( x + 7 ) = 3$

4. Solve the equation $\frac{2}{3}(x + 5) = \frac{1}{4}(5x - 3)$

5. Solve the equation $\frac{m}{3} + \frac{1}{2} = \frac{3}{4} + \frac{m}{4}$

6. Find the value of x in the equation such that the expression:

   $\frac{1}{x} + \frac{4}{3x} - \frac{5}{6x} + 1$ equals zero

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answers

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$= 7$

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$\frac{1}{x} + \frac{4}{3x} - \frac{5}{6x} + 1$ equals zero

$-\frac{3}{2}$