Solving Linear Equations 2 - KEY

Solve the following equations. SHOW YOUR WORK!

1) $5x + 2 = 12$

    $x = 2$

2) $4x + 3 = -17$

    $x = -5$

3) $2x - 3 = 5$

    $x = 4$

4) $3x - 7 = -2$

    $x = \dfrac{5}{3}$

5) $-4 = 5 - 3x$

    $x = 3$

6) $-2x - 3 = -7$

    $x = 2$

7) $-3 = -x$

    $x = 3$

8) $5x - 2 = 3x + 10$

    $x = 6$

9) $6x - 3 = 7x + 4$

    $x = -7$

10) $3(2x + 1) - (x - 4) = 2$

    $x = -1$