S. 92

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a) $4x + 3 = 2x - 1 \quad \| -2x$

$4x + 3 - 2x = 2x - 1 - 2x$

$2x + 3 = -1 \quad \| -3$

$2x + 3 - 3 = -1 - 3$

$\frac{2x}{2} = \frac{-4}{2} \quad \| :2$

$x = -2$

b) $6x + 2 = 5x + 6 \quad \| -5x$

$x + 2 = 6 \quad \| -2$

$x = 4$

c) $9x + 4 = 7x + 8 \quad \| -7x$

$2x + 4 = 8 \quad \| -4$

$\frac{2x}{2} = \frac{4}{2} \quad \| :2$

$x = 2$

d) $12x + 5 = 6x + 11 \quad \| -6x$

$6x + 5 = 11 \quad \| -5$

$\frac{6x}{6} = \frac{6}{6} \quad \| :6$

$x = 1$

484

a) $5x - 7x - 6$ $\quad \| -7x$

$-2x = -6$ $\quad \| :(-2)$

$\frac{-2x}{-2} = \frac{-6}{-2}$

$x = 3$

b) $4x = 5x + 9$ $\quad \| -5x$

$-x = 9$ $\quad \| :(-1)$

$\frac{-x}{-1} = \frac{9}{-1}$

$x = -9$

c) $7y - 5 = 5y - 5$ $\quad \| -5y$

$2y - 5 = -5$ $\quad \| +5$

$2y = 0$ $\quad \| :2$

$\frac{2y}{2} = \frac{0}{2}$

$y = 0$

d) $3x + 6 = 6x - 12$ $\quad \| -6x$

$-3x + 6 = -12$ $\quad \| -6$

$-3x = -18$ $\quad \| :(-3)$

$\frac{-3x}{-3} = \frac{-18}{-3}$

$x = 6$