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$$\begin{aligned} \text{a)} \quad 6x &= 8x - 4 && || -8x \\ 6x - 8x &= 8x - 4 - 8x && \\ -2x &= -4 && || :(-2) \\ \frac{-2x}{-2} &= \frac{-4}{-2} && \\ x &= 2 && \end{aligned}$$

$$\begin{aligned} \text{b)} \quad 8x &= 5x + 18 && || -5x \\ 8x - 5x &= 5x + 18 - 5x && \\ 3x &= 18 && || :3 \\ \frac{3x}{3} &= \frac{18}{3} && \\ x &= 6 && \end{aligned}$$

$$\begin{aligned} \text{c)} \quad 7x - 3 &= 5x - 3 && || -5x \\ 7x - 3 - 5x &= 5x - 3 - 5x && \\ 2x - 3 &= -3 && || +3 \\ 2x - 3 + 3 &= -3 + 3 && \\ 2x &= 0 && || :2 \\ \frac{2x}{2} &= \frac{0}{2} && \\ x &= 0 && \end{aligned}$$

$$\begin{aligned} \text{d)} \quad 3x + 1 &= 5x - 13 && || -5x \\ 3x + 1 - 5x &= 5x - 13 - 5x && \\ -2x + 1 &= -13 && || -1 \\ -2x + 1 - 1 &= -13 - 1 && \\ -2x &= -14 && || :(-2) \\ \frac{-2x}{-2} &= \frac{-14}{-2} && \\ x &= 7 && \end{aligned}$$

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d)

$$\begin{aligned}5x - 10 &= 5x && | -5x \\5x - 10 - 5x &= 5x - 5x \\-10 &= 0\end{aligned}$$

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