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A) $13 + 7 = 32 - x$

✓

$$20 = 32 - x$$

$$x = 32 - 20 = 12$$

$$x = 12$$

B) $27 + x = 26 + 15$

✓

$$41$$

$$x = 14$$

$$-27$$

$$\underline{14}$$

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(c) $38 - 14 = 44 - x$

$$\begin{array}{r} -44 \\ \hline -20 = -x \end{array}$$

$$x = 20$$

$$\begin{array}{r} (-); + 9 = 20 + \\ ; + 19 = 25 \\ - 19 - - 19 \\ \hline x = 6 \end{array}$$

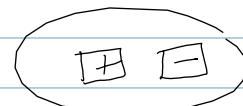
$$20 = -x$$

$$x = 20$$

(e) $100 - x = 67 + 23$

$$\begin{array}{r} 100 - 1 = 90 \\ -100 \\ \hline -x = -10 \end{array}$$

$$x = 10$$

 zero pairs

(f) $33 + 77 = x - 20$

$$\begin{array}{r} 110 = x - 20 \\ + 20 + 20 \\ \hline 130 = x \end{array}$$

(g) $18 + x = 52 - 8$

$$\begin{array}{r} 18 + x = 44 \\ - 18 - 18 \\ \hline x = 26 \end{array}$$

BONUS

$$\begin{array}{r} 15 + x = 19 - 45 \\ 15 + x = -26 \\ - 15 - 15 \\ \hline x = -41 \end{array}$$