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1/7

A) $13+7=32-x$

$20=32-x$

$x=32-20=12$

$x=12$

B) $27+x=26+15$

41

-27

14

$x=14$

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1/9

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

$-44 \quad -44$

$-20 = -x$

$x = 20$

$20 = -x$

$= 20$

(d) $x + 9 = 20 \quad 4$

$x + 19 = 25$

$-19 \quad -19$

$x = 6$

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

$100 - x = 90$

$-100 \quad -100$

$-x = -10$

$x = 10$

⊞ ⊟ zero pairs

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

$110 = x - 20$

$+20 \quad +20$

$130 = x$

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

$18 + x = 44$

$-18 \quad -18$

$x = 26$

BONUS

$15 + x = 19 - 45$

$15 + x = -26$

$-15 \quad -15$

$x = -41$