Solving Equations – Balancing Method

whatever you do to one side you must do to the other

1) $3n = 9$ $\div 3$ $n =$ $\div 3$	2) $4x = 12$ $\div 4$ $x =$ $\div 4$	3) $4n = 48$ $\div 4$ $n =$ $\div 4$
4) $y + 6 = 18$ -6 $y =$ -6	5) $n - 2 = 10$ $+2$ $+2$	6) $w + 4 = 34$ $w =$
7) $3x = 21$ $x =$	8) $n - 6 = 15$ $n =$	9) $10y = 40$ $y =$
10) $18 + a = 19$ $a =$	11) $y + 6 = 14$ $y =$	12) $6n = 42$ $n =$
13) $n - 3 = 10$ $n =$	14) $x - 10 = 11$ $x =$	15) $7n = 21$ $n =$
16) $n + 5 = 35$ $n =$	17) $6n - 1 = 17$ $+1$ $+1$ $6n = 18$ $\div 6$ $n =$ $\div 6$	18) $3y = 12$ $y =$

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19) $3n + 1 = 19$ -1 -1 $3n =$ $\div 3$ $\div 3$ $n =$	20) $4n + 5 = 13$ -5 -5 $4n =$ $\div 4$ $\div 4$ $n =$	21) $4n - 3 = 25$ $4n =$ $n =$
22) $2x + 6 = 18$ $2x =$ $x =$	23) $3x - 2 = 16$ $3x =$ $x =$	24) $5y + 4 = 34$ $5y =$ $y =$
25) $3y + 7 = 19$ $3y =$ $y =$	26) $5w - 6 = 14$ $5w =$ $w =$	27) $3a - 3 = 21$ $3a =$ $a =$
28) $3z + 2 = 17$ $3z =$ $z =$	29) $4x + 6 = 14$ $4x =$ $x =$	30) $6y + 5 = 41$ $6y =$ $y =$
31) $5a - 3 = 7$ $5a =$ $a =$	32) $3w - 4 = 11$ $3w =$ $w =$	33) $7x + 3 = 24$ $7x =$ $x =$

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