

**Basic Linear equations.**

Show full workings and solve for the unknown in your book. Write the answer in the box. Not all will give integer values. Leave answers as fractions where appropriate.

$2x = 4$	
$5x = 1$	
$2x - 1 = 11$	
$3x + 3 = 21$	
$5x - 3 = 7$	
$x + x + 3 = 9$	
$3 - 2x = 1$	
$6(x - 5) = 12$	
$2(3x - 1) = 10$	
$2(x - 3) = 4$	
$2x - 3 = x + 4$	
$5x + 2 = 4x + 8$	
$3(x-3) = 9$	
$2x + 3 = 3x - 3$	
$5x = 4(x+3)$	
$2x - 1 = x + 5$	
$\frac{x}{3} = 5$	
$3x + 1 = x - 1$	
$6(x-1) = 3(x+1)$	
$\frac{2x}{3} = 4$	
$3x + 1 = x - 1$	
$3x + x + 2 = 2x - 4$	
$10x + 10 = 20x + 20$	
$2(x-1) = 4(x+1)$	
$\frac{x}{4} = 4$	
$5x - 3 = 9 - x$	
$2x + 2x = 3(x-1)$	
$5 + 5x = -5x + 10$	
$3x + 10 = 2x + 10$	
$8x - 3 = 2(x - 1)$	
$5p - 5 = 2p + 4$	
$3h - 4 = 2h + 19$	
$5k + k = 3k - 5$	
$2t + 6 = 3t - 7$	
$t + t + t = 2(t - 2)$	
$6y + 3 = 7y - 4$	
$16k - 1 = k + 14$	
$4x - 3 = 1$	
$-4x - 3 = 1$	
$5t + 1 = 3t - 1$	
$7x - 9 = 3x + 7$	
$2w + w = 0$	
$4r + 2r = 3r - 6$	
$7y - 9 = 7 - y$	
$5p - 2 = 6p + 7$	
$3t - 6 = 9 - 2t$	

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