Solving Equations

	When solving an equation, y	ou are "undo-ing	_the equation using	inverse
	operations to 1901ate	the variable. Whatever	er operations	you use on one
simplify	side of the equation, you mus	st use on BOTH s	ides of the equation.	(DO TO EVERYTHING
	1. 3 <i>x</i> + 5 = 26	$2.3\frac{2}{3}(x-12) = (-4)3$	3x + 8 =	117,01100111
+5/-5/	3x=21	2(x-12)=-12	-3 -37 -X	x sides, move them together
Sola	3 3	2 2	solve 2x+8=	18 them together
	EX=73	+12 +12	2×=	side!
		£=6)	. 2	2
	XCHECK your		EX=E	3
	answer!	Check: ? ? = -4	f check:	2
	(Plugiting	32(-6) = -4	3(5)+	8=(5)+18
	makesure it works!!)	-=-4v	15/1	8= 23 /
	A <u>literal</u> <u>equation</u> is an equation with more than one \(\sqrt{able} \). When solving a literal equation, your \(\sqrt{50} \sqrt{100} \) will			
have one or more variables in it.				·
	pv = nrt, solve for r .	$S = \frac{(v+i)^2}{2}$	$\frac{u}{t}$, solve for u	TY A-V
	out - interes		() la \ a	1 1 7 E
	N= MOL	1.S=N	1+110/2	chie
	nt rt		. 2	Suve
	r= PL3	25=	(V+U)t	
	C. MES	t	t	
		25.	- V+U	
		t		
		-4	~	
	6	Sid	= 35-1	3
		4		
		~		•