Ç	Jnit 3: Solving Equations Solving one and two-step equations/ L	iteral equations	Name:Pe
() ()	classwork & Algebraic Metho	od - what you	do to the oth
t t	When solving an equation, the goal is to he equal sign. You do this by performing he equal sign in order to undo the ope of our will undo by working the order of o	o get the variable b ing the opposite op rations being perfo	y itself on one side of eration to both sides of rmed on the variable.
٧	Write and solve an equation for each of	the following prob	lems.
	1. In Anna's plan, she earned \$5 plut $y = 5 + .50x$. If Anna earned \$2	5, how many miles	
y: e	miles 25 + 5 + 00.	40-1	X
\times : M	10 20 to 50	× JUOM	iles)
2	2. Devon wants to order a pizza. Build pizza plus \$2 for each topping. If Deget on his pizza?	evon has <u>\$22,</u> how	
t:to	10 Tao	[6ta	ppings !
3 1111	3. $28 + x = -16$ -13 $x = -39$	4.	23 = 9 - 9w
	X + 39		2 = W7
5	5. $\frac{1}{2}x + 13 = 25$	6.	10' - 4c = 74
	X = 12	e de la companya de l	-4C+64 +C+-16)
F	Find the number described in each prot	olem by writing and	solving an equation.
	7. If Michael adds ten to three ti	mes his number, he	e gets -14. What is
ling	3nt 10 1 29	$\int D=-8 $	
	V8. If Sarah subtracts five times he Sarah's number?	er number from 24;	she gets 4. What is
N	$\frac{34-5}{24-5}$) - ZY	_[n=4]
	= 3		