

Math worksheet on 'Linear Equation Systems -Simple Variable Substitution (Level 3)'. Part of a broader unit on 'Algebra Systems of Equations -Intro'

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1	Solve for the variable by substituting the second equation into the first	а	b	С
		m = 4	m = 7	m = 8
$\mid n$	a = 9m - 3			
n	= 5m + 21	d	е	f
	m=?	m = 9	m = 5	m = 6

Solve for the variable by substituting the second equation into the first	r=4	r=7	r=5
n=11r+	8		
n = 12r +	3 ^d	е	f
r=?	r = 8	r=3	r=6

3	substitu	r the varia ting the s on into the	econd	а		b		C		
	·			n	= 8	$\mid \! n \mid$ =	= 9	n	=	5
p :	=5	\overline{n} -	⊢ 11							
p :	= 2	2n -	⊢ 29	d		е		f		
	n	=?	•	n	= 7	n =	= 4	n	=	6

Solve for the variable by substituting the second equation into the first	p=6	p=4	p=2
x=10p+5	Γ	P	
x = 9p + 9	d	е	f
p=?	p = 7	p = 3	p= 5

Solve for the variable by substituting the second equation into the first	а	b	С
	n=1	n = 3	n=2
c = 10n - 3			
c = 2n + 21	d	е	f
n=?	n = 4	n = 6	n = 5

Solve for the variable by substituting the second equation into the first	а	b	C
b = 10y - 9	y = 7	y = 5	y = 9
b = 7y + 12	d	е	f
y = ?	y = 8	y = 10	y = 6

7 Solve for the variable by substituting the second	а	b	С
equation into the first	d=11	d=9	d= 10
n = 12d - 9			
n = 6d + 45	d	е	f
d=?		d=8	d=7