1 Substitute the given number for the variable to form a single

solvable equation

3n+r=32 c

Name:			

3n + 8 = 328n + 8 = n

3n-8=32 3n-9=32

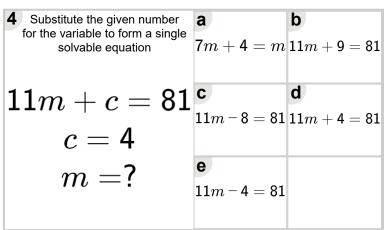


Math worksheet on 'Linear Equation Systems -Simple Number Substitution To Equation (Level 1)'.

Part of a broader unit of Equation	,	'
Learn online: app.mobius.academy/math/v	units/algebra system:	s of equations intro
2 Substitute the given number	а	b

for the variable to form a single solvable equation
$$2r-2=12$$
 $2r-6=12$ $2r-6=12$ $2r-7=12$ $2r$

r= o $n=$?	e $3n + 10 = 32$	
3 Substitute the given number for the variable to form a single solvable equation	a 11 <i>y</i> – 8 = 74	$oldsymbol{b}$ 6 $y+8=y$
11y + m = 74	$oldsymbol{c}$ $11y - 7 = 74$	$oldsymbol{d}$ $11y+8=74$
m=8		



5 Substitute the given number for the variable to form a single solvable equation	a $2y - 12 = 22$	b $2y - 6 = 22$
$egin{array}{c} 2y+z=22\ z=12 \end{array}$	$oldsymbol{c} 2y+12=22$	d $2y + 7 = 22$
y = ?	\mathbf{e} $5y + 12 = y$	

6 Substitute the given number for the variable to form a single solvable equation
$$4r-3=11$$
 $4r+3=11$ $4r+4=11$ $x=3$ $r=7$ $r=7$

7 Substitute the given number for the variable to form a single solvable equation	$egin{aligned} 7y+11=y \end{aligned}$	b $12y + 6 = 37$
$egin{array}{c} 12y-x=37 \ x=11 \ \end{array}$	$ \mathbf{C} \\ 12y + 11 = 37 $	d $12y - 5 = 37$
y=?	e $12y - 11 = 37$	\mathbf{f} $4y + 11 = y$