Mobius Math Club

**1** Substitute the given number

for the variable to form a single

solvable equation

Name:

а

b

 $4b-6 = 111 \ 4b+5 = 111$ 



b

d

f

b

d

f

9z + 4 = z 12z - 16 = 92

12z + 11 = 92 12z + 4 = z

 $2n - 9 = 84 \ 9n + 8 = n$ 

2n + 72 = 84 2n + 8 = 84

Math worksheet on 'Linear Equation Systems Simple Number Substitution To Equation (Level Part of a broader unit on 'Algebra Systems of Equations - Intro'

Learn online: app.mobius.academy/math/units/algebra systems of equations

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Substitute the given number

for the variable to form a single

solvable equation

2n+9d=84 c

d = 8

*n* =?

**4** Substitute the given number

for the variable to form a single

solvable equation

12z-4m=92 <sup>c</sup>

m = 4

z = ?

2

$$3c+6d=81 egin{array}{c} c & d \ 3c+66=81 \ c=11 \ c=? \end{array} egin{array}{c} c & d \ 3c+66=81 \ 8c+11=c \ 8c+11=c \ 5c+11=c \ 3c+11=81 \end{array}$$

ab5Substitute the given number  
for the variable to form a single  
solvable equationab
$$12z + 11 = 92$$
 $12z + 4 = z$  $f$  $n + 12y = 138$  $n + 11 = 138$  $n + 7 = 138$ cd $n + 12y = 138$  $n + 12y = 138$  $n - 12 = 138$  $n - 12 = 138$  $12n + 7 = n$ ef $n = ?$  $n = ?$  $n = 12$  $n + 12y = 138$  $n = 7$ 

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