

Name: _____

ALGEBRA INTRODUCTION:

LETTERS AS UNKNOWN NUMBERS



In algebra, letters represent numbers in equations.
The letter x is often used, and $2x$ means '2 multiplied by x '. To avoid confusion, the multiplication sign is not used.



Use inverse operations to find the solution!



a)

14	
x	9

$$x + 9 = 14$$

$$\begin{array}{r} -9 \\ -9 \end{array}$$

$$x = \boxed{5}$$

b)

11	
x	4

$$x + 4 = 11$$

$$x = \boxed{}$$

c)

20	
8	x

$$8 + x = 20$$

$$x = \boxed{}$$

d)

50	
41	x

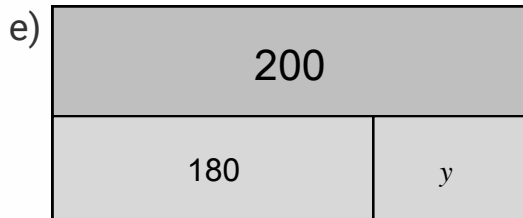
$$41 + x = 50$$

$$x = \boxed{}$$

Name: _____

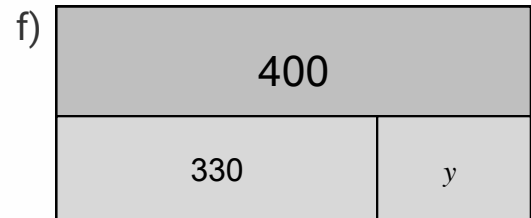
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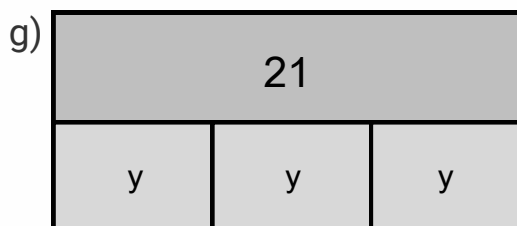
$$180 + y = 200$$

$$y = \square$$



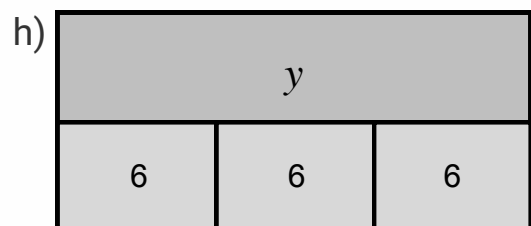
$$330 + y = 400$$

$$y = \square$$



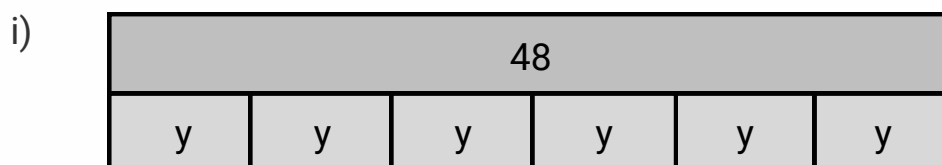
$$3y = 21$$

$$y = \square$$



$$y = 3 \times 6$$

$$y = \square$$



$$6y = 48$$

$$y = \square$$