Name :

Date :

6TH GRADE ALGEBRA CHALLENGE

CRACK THE CODE!

Solve for the variable in each equation. Use your algebra skills to isolate the letter and find its value. Show your work if needed. Let's see how many mystery numbers you can uncover!

$5a = 45$	$a =$	
$7b + 2 = 30$	$b =$	
$12 = 3c$	$c =$	
$3d - 6 = 15$	$d =$	
$8 = 4e + 4$	$e =$	
$36 = 9f$	$f =$	
$4g = 48$	$g =$	
$2h + 6 = 18$	$h =$	
$90 = 6i + 6$	$i =$	
$5j - 10 = 15$	$j =$	
$3k = 81$	$k =$	
$18 = 6l - 6$	$l =$	
$9m + 9 = 36$	$m =$	
$2n = 64$	$n =$	
$4o + 4 = 24$	$o =$	

LIVEWORKSHEETS