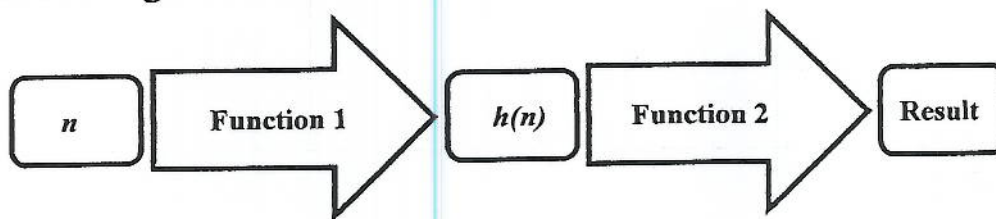


Algebra 2

SLT1C

Find the "undo" function for each function 1 and write into the function two column. Then check each "undo" function following the directions below.

In the table below, choose any number, n , to place in the first column. Evaluate "Function 1" at n and place the result in the $h(n)$ column. Then, use the value of $h(n)$ to evaluate "Function 2" and place the resulting number in the "Result" column. You may not repeat a value for n . One value for n must be a negative number. Be creative.



	n	Function 1	$h(n)$	Function 2	Result
1.		$h(n) = 2n - 5$			
2.		$h(n) = \frac{n+5}{2}$			
3.		$h(n) = n^3 + 2$			
4.		$h(n) = \sqrt[3]{2n}$			
5.		$h(n) = -\frac{7}{2}n - 3$			
6.		$h(n) = \sqrt{2n-3}$			
7.		$h(n) = n^2 + 1$			

1. What do you notice?

Functions that **undo** each other are called _____ functions.

Find the "undo" functions here

$r(h) = 2h - 5$	$r(h) = \frac{h+5}{2}$	$r(h) = \frac{h^2+3}{2}$
$r(h) = -\frac{2h+6}{7}$	$r(h) = \sqrt{h-1}$	$r(h) = \sqrt[3]{h-2}$
		$r(h) = \frac{h^3}{2}$