

DISCOVER.....

part I

Answer the following:

$3 \times 3 =$ $4 \times 4 =$

$3 \times 3 \times 3 =$ $4 \times 4 \times 4 =$

$9 \times 9 =$ $10 \times 10 \times 10 \times 10 =$

$2 \times 2 \times 2 \times 2 \times 2 =$ $5 \times 5 \times 5 \times 5 \times 5 =$

Is there an easier way to do this?
Answer.....

$2 \times 2 \times 2 \times 2 \times 2$	$=$	
$2 \times 2 \times 2 \times 2$	$=$	
$2 \times 2 \times 2$	$=$	
2×2	$=$	
2	$=$	

ANY number to the zero power:

Part II

A B C List the expressions that are Equivalent and write their value

$4 + 4$	$4 \cdot 4$	4^2	
$2 \cdot 10$	$10 + 10$	10^2	
$16 + 16$	16^2	$2 \cdot 16$	
20^2	20×20	$20 + 20$	
8×8	$8 + 8$	8^2	
$12(12)$	$2 \cdot 12$	12^2	
$2(9)$	9^2	$9 + 9$	
$15 + 15$	$15(15)$	15^2	
$30 \cdot 30$	30^2	$30 + 30$	
25^2	2×25	$25 + 25$	