

FACTORS AND EXPONENTS WORKSHEET

Name _____

COMPLETE THE FOLLOWING CHART:

Numeral	Factors	Product
2^5	$2 \times 2 \times 2 \times 2 \times 2$	32
4^2		
\otimes	$-6 \times 6 \times 6$	
\otimes $(-9)^2$		
m^3		
8^3		
\otimes $(-7)^4$		
\otimes -7^4		
10^5		
10^3		
\otimes $(-6)^4$		

JUST THE BASE REPEATS

→ What did you notice about the value of the exponent on base of 10 and the final product?

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COMPLETE THE FOLLOWING CHART:

Numeral	Factors	Product
2^5	$2 \times 2 \times 2 \times 2 \times 2$	32
4^2		
$(-5)^3$		
$-(5)^3$		
12^3		
	$(-9) \times (-9) \times (-9)$	
$(-11)^2$		
	$-(4) \times (4) \times (4) \times (4)$	
		100
$(2m)^6$		
$5(n)^3$		

ASK
yourself What is the BASE?
Just the BASE repeats!