Part A: Example:	$10^5 = 10 \times 10 \times 10 \times 10 \times 10$
a.) 10 ² = _	x b.) $10^3 = $ x x c.) $10^4 = $ x x
Part B:	
38 x 10 ⁰ =	= 99 x 10^1 = 12 x 10^2 = 327 x 10^3 =
D 10	
Part C:	$r_{\rm correction}$ the hey based on the graduate. Every play 25 C $\sim 10^2$ - 25 C \sim
write the	e exponent in the box based on the products. Example: $256 \times 10^2 = 25,600$
Г	
82 x 10	= 8,200 95 x 10 $= 950,000$ 1,010 x 10 $= 101,000,000$
Part D: R	eview
Example:	45.178
	(4 x 10) + (5 x 1) + (1 x 1/10) + (7 x 1/100) + (8 x 1/1000) *You can use .1, .01, .001 in place of fractions)
	Forty-five and one hundred seventy-eight thousandths
	Expanded form with multiplication:
	Expanded form with multiplication.
73.134	Word form:
	expanded form with multiplication:
87.065	Word form:
	Expanded form with multiplication:
	expanded form were manapleador.
822 317	
022.31/	Word form:

Part A: Write the	Powers of 10 for each	of the following: Exam	ble: $100 = 10^2$	
	1,000 =	10,000 =	100,000	
Part B:				
2.3	8 x 10 ² =	2.3 x 10 ³ =	2.3 x 10 ⁴ =	
Part C:	$5 \times 10^{-1} = 450^{-1}$	4.5 x 10 = 4,500	4.5 x 10 = 450,000	
Part D: Re Example:	e view 45.178 (4 x 10) + (5 x 1) + (1 x 1/ Forty-five and one hundr	10) + (7 x 1/100) + (8 x 1/100) red seventy-eight thousandth	D) *You can use .1, .01, .001 in place of fractions)	
Expanded form <u>with multiplication</u> :				
76.439	Word form:			
	Expanded form <u>with multipli</u>	cation:		
732.099	Word form:			
688.53	Expanded form <u>with multipli</u>	cation:		
	Word form:			
<u> </u>				

Part A:		
2.7	$78 \times 10^2 = $ 12.3 x	$10^3 = $ 609.3 x $10^2 = $
Part B:		
95	$5.5 \div 10^2 =$	$25.85 \div 10^4 =$
7.2	.225 ÷ 10 ¹ =	9.793 ÷ 10 ³ =
Part C:		
Write an e	expression for 1284.00 using a power of te	n:
Write the	e power of ten for the following values:	Example: $100 = 10^2$
10,000 = _	100,000 =	1,000,000 =
Part D: Re	eview	
Example:	(4 x 10) + (5 x 1) + (1 x 1/10) + (7 x 1/100) + Forty-five and one hundred seventy-eight	(8 x 1/1000) *You can use .1, .01, .001 in place of fractions) thousandths
	Expanded form <u>with multiplication</u> :	
90,778		
	Word form:	
	Expanded form with multiplication:	
	expanded form with material and	
904.04	Word form:	
800.014	Expanded form with multiplication:	
	Word form:	
L		

Part A:						
19.6 x 10 ² =	19.	19.6 x 10 ³ =		19.6 x 10 ⁴ =		
Part B: Which expression(s) have	Part B: Which expression(s) have the value of 6.53? Circle <u>all</u> that apply.					
a) $0.653 \div 10^1$ b) 6.53×10^0 c) $60.53 \div 10^1$			÷ 10 ² d) 0.0653 x 10 ²			
e) 65.30 ÷ 10 ¹	f) 6.53 x 10 ¹	g) 762.00 ·	÷ 10 ²			
Part C:			277.9			
Complete the following cl	Standard Form	Powers of 10	Solution			
the powers of 10 and solution	ve the equation.		÷ 10		=	
Then, answer the following questions.			÷ 100		=	
			÷ 1,000		=	
What's happening each time you divide?						
Is there a pattern?						
Explain the pattern of the decimal point.						

Part A:					
$4.77 \times 10^2 =$	$4.77 \times 10^3 =$		4.77 x 1	0 ⁴ =	
Part B: Explain the pattern in the number of ze power of 10. Part A: Explain the direction the decima	ros of the product when r 287 x 10 ² Il would be moved.	multiplying the	e following nu	umber by the giver	1
Part B: Explain number of spaces the de	ecimal should be moved.				
Part C: Use an alternate form to rewrite	e the expression above.				
Part C:			244.88		
Complete the following chart by writing	the equation using	Standard Form	Powers of 10	Solution	
Then answer the following questions		÷ 10 ÷ 100		=	
-, - ,		÷ 1,000		=	
What's happening each time you divid	e?				
Is there a pattern?					
Explain the pattern of the decimal poir	nt				