	Period: Date:	
Essential Question:		
Questions:	Notes:	
What is a dilation?	a transformation that	
a C G & C	or reduces a figure.	
0.11	Di 1 di 0 Februari	
2 types of dilations	Reduction & Enlargement	
What is a scale factor?	ratio used to aplace	or coduce
What is a scale factor:	similar figures.	
	similar rigores.	
	When a scale factor is < 1 it is a	reduction
	When a scale factor is > 1 it is an	enlargement
		O
How do you apply a	you MULTIPLY!!	
scale factor?	*	
	E 1. A(2.2) D(2.1/2) C(5.6) wi	the scale factor of 2
"A mim o?	Ex.1: A(2,3), B(3,-1/2), C(5, 6) with a scale factor of 2 A' (4, 6), B' (6, -1), C' (10,12)	
"A prime"		
	Ex 2: A(1,3), B(3,-6), C(9, 12) with	n a scale factor of 1/3
	A' ( , , ), B' ( 1 , -2 ), C' (3	,4)
# 4 		
How do you find a	You put NEW over OLD!	
scale factor:		new
		new
		01d
	T. Control of the Con	

Questions:	Notes:
*	
	Ex 3: L(2, 4), M(4, 8), N(8,1)
	L'(1, 2), M(2, 4), N(4,1/2)
espesien h	dell' mediamighematica.
	What type of dilation?
	new L'(1,2) 1
	01d L(24) 2
	010 2(44)
STALBI IN	social of bear offer.
	What is the scale factor?
ALL MAN	
The state of the s	
——————————————————————————————————————	Ev 4: G(5, 2), H(3, 3), I(4, 3), I(2, 2)
	Ex 4: G(5, 2), H(-3, 3), I(-4, -3), J(-2, 2)
	G'(12.5, 5), H'(-7.5, 7.5), I'(-10, -7.5), J'(-5, 5
	T. F.CVIII.COM Brogs
PA P	What type of dilation?
* • *	THE RESERVE OF THE PERSON OF T
	<u>new</u> = G' (12.5, 5) 5 = 2.5
	01d G (5,2) a
y w	
	What is the scale factor?
	12.5 = 2.5
**10.79	<u> </u>
	3
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