$\leftarrow$  Graded quiz on Tangent Lines to Functions, Exponents and Logarithms  $\leftarrow$   $_{^{\rm obs \, mis + 50 \, mn}}$ 

Date 7 juin 23:59 PDT

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## Graded quiz on Tangent Lines to Functions, Exponents and Logarithms and Logarithms 100%

ower 1 to exponential form, using 7 as the factor.  (17)  (17)  (29)  (29)  (20)  (3	1/1 point		1/1 point	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	. Convext $\frac{1}{49}$ to exponential form, using 7 as the factor.	<ul> <li>covers</li> <li>The rule for a factor to a Negative apprecent is to divide by the same factor to a positive exportent with the same absolute value.</li> </ul>	2. All by-year fine distance light travels in a viccuum in one yearl is 5, 400 rellion meters. Epress is coemific roadion.  © 9400 x 10° meters.  © 0.46 x 10° meters.  © 9.40 x 10° meters.  © 9.40 x 10° meters.	$\checkmark$ corres 9, 460 is (9.4 $\times$ 10²) meters and one trillion meters is 10³² meters. (9.4 $\times$ 10² (10³²) = 9.4 $\times$ 10³°, A kilometer is 1000 meters.

$10')(10^{12}) = 9.4 \times 10^{19}$ . A kilometer is $1000$ meters.	3. Simpley $(x^\beta)(y^2)(x^{-10})(y^{-2})$	$(y^{-2})$	$\bigcirc (x^{-40})(y^{-6})$	(%)	<sup>2</sup> )(y)	$\checkmark$ correct By the DMsion and Negative Powers Rule, this is $\left(x^{(k-10)}\right)\left(y^{(3-2)}\right)$	
	Simplify	$\bigcirc \ (x)(y^{-2})$	0	$\bigcirc$ $(x^2)(y)$	$\odot$ $(x^{-2})(y)$	> "	
	mi						

1/1 point





 $\log_2 \frac{39x}{(r-z_1)}$