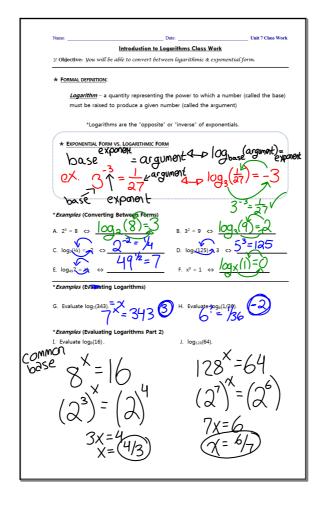
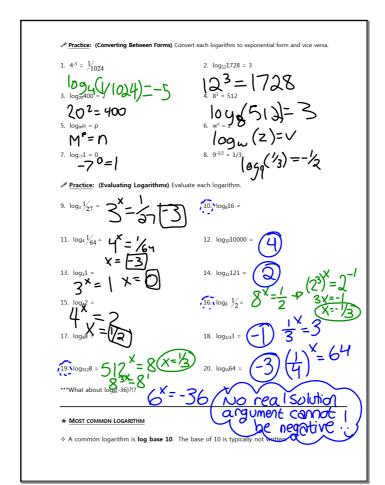
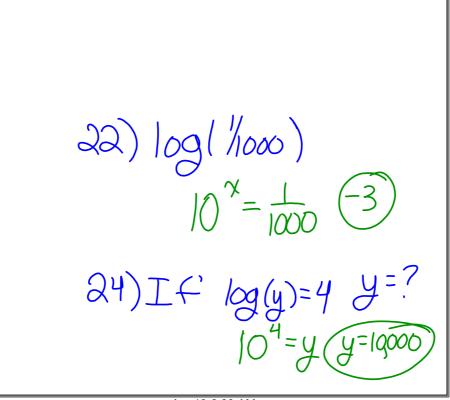


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Practice:  21. Evaluate log(100)  22. Evaluate log (1/1000)  23. If log(x) 2, what is x?  24. If log(y) = 4, what is y?  25. Constant 10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Name:	Date:	Unit 7 Class Work
23. If log(x) 24. If log(y) = 4, what is x?  24. If log(y) = 4, what is y?  25. If log(x) 25. 5 - 2	Practice:		
Therefore the contested been helpful in learning about logarithms?	21. Evaluate log(100)	22. Ev	valuate log (1/1000)
The street for lating squarthmeters of the street of the	10×=100 @	)	
25. $\bigcirc$ 25. $\bigcirc$ 25. $\bigcirc$ 27. $\bigcirc$ 26. $\bigcirc$ 27. $\bigcirc$ 26. $\bigcirc$ 27. $\bigcirc$ 27. $\bigcirc$ 27. $\bigcirc$ 28. $\bigcirc$ 29. 29. $\bigcirc$ 2	23. If log(x) 2, what is x?	24. If	log(y) = 4, what is y?
25. $\bigcirc$ 25. $\bigcirc$ 25. $\bigcirc$ 27. $\bigcirc$ 26. $\bigcirc$ 27. $\bigcirc$ 26. $\bigcirc$ 27. $\bigcirc$ 27. $\bigcirc$ 27. $\bigcirc$ 28. $\bigcirc$ 29. 29. $\bigcirc$ 2	10 = X VI	00)	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	131.8.18.3.34	3\ 17 1 =	arithm-2) (x=-2)
log to ( $\frac{1}{10}$ ) $\frac{3}{30}$   $\frac{3}{30$	25 Wgiss /25 3 11 - 3	20. ψφ <sub>ν/1</sub> ε	(-6) 3v/
thow has your prior knowledge been helpful in learning about logarithms?	$27. \left( \frac{1}{3} \right)^{2} = 3 \left( \frac{1}{3} \right)^{2$	$\frac{3}{2}$	(3) $M$
thow has your prior knowledge been helpful in learning about logarithms?	100-14	, ລl6	X=36 张号
	29. log 10=X= 10	30. log	2) = 6 <sup>2</sup> 3 (X=3/3)
		orui in learning about logi	arunns:



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Exit Slip Converting: Complete on a separate sheet of paper please.

- 1. Write  $3^{-2} = 1/9$  in logarithmic form.
- 2. Write  $log_232 = 5$  in exponential form.

Exit Slip Evaluating: Complete on a separate sheet of paper please.

3. Evaluate  $log_6(216)$ .

4. Evaluate  $log_2(1/32)$ .

Name:		Date:	Unit 7 Class V
Another common lo a number using the "L!	ogarithm is <b>log base e</b> ( N" button on your calc	(also known as the <b>natural log</b> ). ulator! ©	You can evaluate the natural lo
		own as Euler's number, which i nd begins with 2.718281828459.	s helpful in solving exponentia
*We will use t	he natural logarithm t	o our advantage pretty soon!	
		ulator. Round to the nearest ten-t	
1. ln(8) = 2,079 <sup>4</sup> 5. ln(5.2/1.3) = 1,73		0.9542 log(0) - <u>Un</u> d Underlined <sub>e(1027</sub> = 2 10 <sup>28</sup> =10 <sup>2</sup>	efined 4. ln(0.235) = -   8. ln(e <sup>23</sup> ) =
Exit Slip Converting	g: Complete on a se	parate sheet of paper please	
1. Write 3 <sup>-2</sup> - 1/9 in	logarithmic form.	2. Write log <sub>2</sub> 32 - 5 in ex	ponential form.
Exit Slip Evaluating	; Complete on a sep	arate sheet of paper please.	oc lud
3. Evaluate log <sub>6</sub> (216	).	4. Evaluate $log_2(1/32)$ .	includ Nar
Exit Slip Common I	og: Complete on a	separate sheet of paper plea	se.
5. Evaluate log(10,0	00).	6. If log(1/l p, what i	s p?
Exit Slip Evaluating	Part 2: Complete o	n a separate sheet of paper j	olease.
7. Evaluate log <sub>343</sub> (4	9).		
	Hon	nework: pages 442-444	
	Converting	: #6, 7, 9, 11, 12, 13, 53, 5	6-60
	<u>Evaluati</u>	ng: #14, 16, 18-25, 50, 93-	96
Evaluating Part 2		03 and 107-109 (throwbac am and to prepare for ne	k, required because pract xt year!
	The followi	ng is also part of this secti	оп
		Evaluate:	
A. log 1/4 (8)	B. log <sub>125</sub> (1/5)	C. log <sub>1/81</sub> (27)	D. log <sub>16</sub> (1/32
3			

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