Work on this with your group:

James currently has an 88% average after taking 4 math assessments. 352 total points

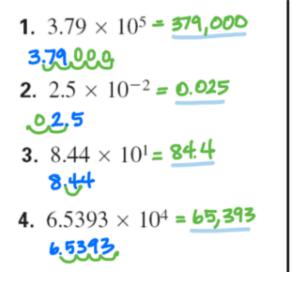
There are 2 more assessments before the end of the term.

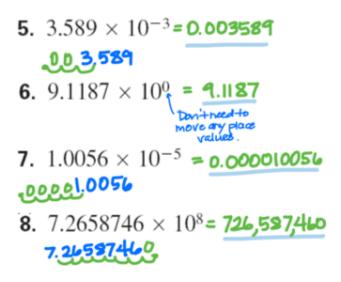
If she wants a 90% average, list two possible scores she can get on the next two

assessments.			90.6= 540	D Total points on 6 tests needed	
		· · · ·	needed From 4 tosts	to have a 90 away.	
	188	point	k nccded	Scores	
				94,94	
				100, 68	
				98,90	
				96,92	
				39, 99	
				93,95	
				91,97	

I

Rewrite in decimal form.





Extra Practice

Rewrite in scientific notation.

$$7.960.000.000 = 7.96 \times 10^{-3}$$

$$0.007485 = 7.485 \times 10^{-3}$$

$$45.668 = 4.5668 \times 10^{-3}$$

$$998.653 = 9.98653 \times 10^{-2}$$

$$0.0000056388 = 5.6388 \times 10^{-6}$$

 $63,000,000 = 6.3 \times 10^{7}$ $0.0602 = 6.02 \times 10^{-2}$ $22,078,600 = 2.20786 \times 10^{7}$ $0.000070005 = 7.0005 \times 10^{-5}$ $64.3 = 6.43 \times 10^{7}$

to it. Write the uppercase			- 37-5-5				
In Exercises 1-2, choose the r 1. $\mathbf{r} \cdot \mathbf{Y}$ 34.5 × 10 ⁵	$\mathbf{m} \cdot \mathbf{E} 3.45 \times 10^6$	y.P. 0.345 × 10	Silie of				
2. b · G 0.77×10^{-3}	$i \cdot R$ 7.7 + 10 ⁻⁴	s · L 7.7×10^{-4}	The All				
In Exercises 3-6, find the val							
3. $94,000,000 = 9.4 \times$		n • C	8 e.A 7				
4. 555,500,000,000 =		i·I	11 k C 10				
5. $0.00006 = 6 \times 10^{n}$		w • \$	5 -4 j.G -11				
6. 0.000000000375 =	$= 3.75 \times 10^{n}$	f·U	-12 y •E -5				
In Exercises 7-12, write the number in decimal form.							
7. 3.8 $\times 10^5$	r · A	38,000,000 p	• R 0.00038				
8. 3.8 × 10 ⁻⁵	d • 1	3,800,000 w	•1 380,000				
9. 3.80 × 10 ⁷	b • T	0.000038 0	• D 38,000				
10. 6.25×10^4	'a*• A	0.000000625 n	•E 62,500				
11. 6.25 × 10 ⁻³	v · N	I 625,000 k	• H 0.000000625				
12. 6.25×10^{-8}	$z \cdot s$	0.00625 .h	D 0.00062				
In Exercises 13-18, write the number in scientific notation.							
13. 72,000			$q \cdot W 7.2 \times 10^5$				
14. 7,200,000,000,000	_		$0 \cdot N$ 7.2 × 10 ⁻⁷				
15. 0.0000072			t.D 7.2 $\times 10^{-6}$				
16. 41,900,000	-		x•T 4.19×10^{-5}				
17. 0.00419	-		d•H 4.19×10^7				
18. 0.000000000419		• S 4.19 $\times 10^6$	h•E 4.19 × 10^{-11}				
In Exercises 19-22, write the number in scientific notation.							
19. 22.2 \times 10 ³	-		1.T 2.22×10^7				
20. 0.222×10^8			2.22×10^9				
21. 0.54×10^{-4} 22. 54×10^{-15}			u · P 5.4 × 10^{-16} x · V 5.4 × 10^{-5}				

Exponents and Exponential Functions: Scientific Notation

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Homework

Finish classwork