1. Compare using >, <, or =.

a.

0.5

0.227

b. 4 thousandths + 4 hundredths



c. 2 tens 3 tenths 1 thousandth



20.31

d.

27 tenths



e. $6 \times 10^3 + 2 \times 100 + 3 \times \frac{1}{10}$

$$6 \times 1000 + 2 \times 10^2 + 3 \times \frac{1}{10}$$

f.

$$3 \times \frac{1}{10} + 6 \times \frac{1}{1000}$$

0.360

2. Model the number 5.55 on the place value chart.

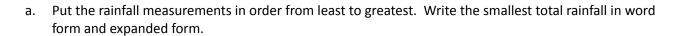
a. Use words, numbers, and your model to explain why each of the digits has a different value. Be sure to use "ten times as large" and "one tenth as large" in your explanation.

Module 1 Mid-Module Review

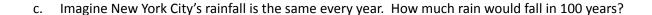
	b.	Multiply 5.55 × 10	 Explain the shift of th 	e digits and the change in tl	ne value of each digit.	
	c.	Divide the product digit.	t from (b) by 10². Explair	n the shift of the digits and t	the change in the value of each	
3.	Rai	nfall collected in a r	rain gauge was found to	be 3.4 cm when rounded to	o the nearest tenth of a centimeter	
	a.	Circle all the measurements below that could be the actual measurement of the rainfall.				
3.351 cm		m 3	3.449 cm	3.452 cm	3.295 cm	
	b.	Convert the roun	ded measurement to me	eters. Write an equation to	show your work.	

4. Average annual rainfall totals for cities in New York are listed below.

Rochester	0.97 meters	
Ithaca	0.947 meters	
Saratoga Springs	1.5 meters	
New York City	1.268 meters	







d. Write an equation using an exponent that would express the 100-year total rainfall. Explain how the digits have shifted position and why.