Na	me:		Dat	te:
Qu	estions cover work from (	chapter 1 thru 9. Show	your work!!!!!	
	entify the correct concent the right of the label or bo		ving medicine bottles a	and tablets. Write your answers
11 翻 1 翻 2	Cephalexin Capsules, USP 500 mg		MDC 0603-5166-2 MENOPARBITAL TABLETS, USP 22.4mg (1/2 gr) Rx only 100 TABLETS Qualities	2.
3.	Compute the answers:			
	a. 39.5 x 1.3		b. 1.8 x 58.5	
4.	Compute the answers to	two decimal places:		
	a. 11.52 ÷ 0.68		b. 3856.3 ÷ 0.16	
5.	Convert the following to a. 8,527,000 b. 0.0056	scientific notation:		x 10 x 10
6.	Convert the following to c. $2.75 \times 10^6$ d. $-8.05 \times 10^{-5}$	standard notation:	-	
7.	Change to percent		_	
a.	<sup>3</sup> / <sub>16</sub>		b. <sup>3</sup> / <sub>4</sub>	
c.	3.46		d. 1.89	
8.	What is		_	
a.	8% of 25.6 L		b. 5.6% of 18 kg	

c.	42% of 150mg			d.	0.015% of 6 lbs		
9.	Change to decimal			ı			
a.	98%			b.	13%		
c.	205%			d.	0.075%		
10.	Change to a fraction (lov	vest term	s please)				
a.	115%			b.	-35%		
c.	78%			d.	0.025%		
	<ul><li>11. We ordered 168 pounds of lab chemicals.</li><li>a. What percentage did we use if we utilized 29.8 lbs?</li><li>b. What percentage is left over?</li></ul>						
12.	Convert the following to	the prop	er unit of meas	surem			
a.	16 g / 100 ml			b.	8.7 g / 100 ml		
13.	Convert the following to	the prop	er unit of meas	surem	nent		
a.	7.6g of dextrose in 100 ml solution		b.	33.3 ml of sodium chloride in 100 ml solution			
14.	Convert the following Pa	icked Cell	Numbers to th	ne pro	oper unit of measuremen	ıt	
a.	47 dog <sub>1</sub>			b.	41 dog <sub>2</sub>		
15.	Convert the following so	lutions to	percents				
	13 ml of dextrose in 100			b.	2.5 ml of formalin in 10	0 ml	
c.	7 ml of dextrose in 100	ml		d.	65 ml of formalin in 100	) ml	
16.	Reduce the ratio to fract	ion form					
a.	3:18			b.	18:72		
17	Solve the following. Be s	ure to sha	ow units where	annl	icable		
а.	$\frac{65mg}{65mg} = \frac{715mg}{65mg}$	0 10 0/10		pp			
	1 cap N cap						
b.	$\frac{720mg}{5ml} = \frac{25mg}{N\ ml}$						

# 18. Calculate the conversion and show the calculation in the box to the right of the answer

45 ml =	tsp	
2100 mg =	g	
32 kg =	lb	
4.18 L =	ml	
80 ml =	tsp	
16.9 ml =	fl oz	
11 g =	mg	
110 lb =	kg	
9 fl oz =	ml	
0.8 g =	mg	
0.025 L =	ml	
0.25 kg =	g	
73 mg =	g	
14 g =	kg	
50 ml =	tbsp	
11 tsp =	ml	
400 ml =	fl oz	
0.23 gr =	mg	
11 gr =	mg	

45 ml =	tbsp	
2 gal =	cups	
7 qts =	gal	
6 cups =	pt	
35°C =	°F	
200°F	°C	
-10°C =	°F	
-25°F =	°C	

19. Our X-rays in 2012 were \$65. This year they will be 12% higher. What will be the new cost?

20. If 1 tablet contains 80 mg of drug, how many milligrams of drug does 7 tablets have?

21. There are three vet techs for every two veterinarians in the large zoo. What is the ratio of vet techs to veterinarians?

22. The veterinarians orders 225 mg of medication in every 2.5 ml of liquid. How much liquid is required to administer 380 mg of medication?

23.	If a bag of kitten food costs \$19.99 each and we buy 3 bags a week, how much money would we spend on kitten food in 16 weeks?
24.	Frank works at an animal clinic and receives a 25% discount. What would Frank pay for the \$375 treatment?
25.	A patient receives a total of 9g of medication. If the patient received the total over a 5-day period and was given 3 doses a day, what was the strength of each dose?
26.	When performing an estimate platelet count, these cells are counted per high power field and the total from 10 fields are all added together. Next this is multiplied by 15000. You observe 10 fields and the fields have a total number of 61 platelets. What is the final count of platelets? Please provide your answer in scientific notation.