	NameMSWer Key						
	Class		, D	ate			
	Mailbox #						
	Module 2: Mid Unit Study Guide						
	Complete the Chart (6 pts	/6)					
	Words	Ex	pression	Value of the E	Expression		
1.	40 times the sum of 34 and 42	40x(	34+42)	3040			
2.	8 times the difference between 49 and 12	8 X (	49-12)	296			
3.	13 times the sum of \$342 and 128	13 x	(342 + 128)	6,110			
	4. Draw the area model, and the a. $26 \times 37 = 962$	en solve us (8 pts)	sing the partial p	product (16 pts _			
Area	a Model		Use <u>arrows</u> to show where each partial product in your algorithm matches your mode.				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				37 182 780 962	(7 x 26) 30 x 20)		

Will to

Algorithm or Partial Product Algorithm  Use arrows to show where each partial product in your algorithm matches your mo  5 ones 3 tenths 2 hundredth  30 50 anes 6 6 30 anes 6 19 15 2 hundred  4 30 anes 6 19 15 2 hundred		
30 150 g 60 x 36 (6x5,32) + 30 nes 18 12 y 19152 hundred 6 30 nes 18 12 y 19152 hundred	Area Model	
180 ones + 108 tenths + 72 hundress 191.52	30 150 ones 18 12 hundred 15 150 ones 18 12 hundred 15 15 15 15 15 15 15 15 15 15 15 15 15	5.32 hundredths x 36 (6x5,32) (15960) (30x5.32) 19152 hundredths

5. Multiply using the standard algorithm. Show your work below each problem. Write the product on the blank. (14 pts \_\_\_\_/14)

C. 5.4 km tenths (3 pts)	d. 22+3 hundredth 16.53 (3 pts)					
$\frac{x}{27}$	<u>x 24</u>					
378	3 6 6 1 2 3 0 60					
145,8 tenths	39672					
	396.72					
Explain how you know your decimal decimal placement is correct. (1 pt)	Explain how you know your decimal placement is correct. (1 pt)					
I know the decimal	I know the decimal					
must be placed between	is between the Goves and					
the ones and Henths,	7-tenths because clossed					
because 5 x 30= 150_	17x20 = 340 and That is close to					
	396.72.					
396.72. 150. 6. At the post office, they ordered 64 packs of paper for \$5.70 each. How much did the						
6. At the post office, they ordered 64 packs of paper to page 4. At the post office, they ordered 64 packs of paper to page 4. At the post office, they ordered 64 packs of paper to page 4. At the post office, they ordered 64 packs of paper to page 4. At the post office, they ordered 64 packs of paper to page 4. At the post office, they ordered 64 packs of paper to page 4. At the post office, they ordered 64 packs of paper to page 4. At the post office, they ordered 64 packs of paper to page 4. At the post office, they ordered 64 packs of paper to page 4. At the post office, they ordered 64 packs of paper to page 4. At the post office, they ordered 64 packs of paper to page 4. At the post office, they ordered 64 packs of paper to page 4. At the post office, they ordered 64 packs of page 4. At the post office, they ordered 64 packs of page 4. At the p						
5,70 hundresths						
(04)	\$364.80 on packs					
2780 34200	of paper					
3900						