Name _____

Date _____

1. Draw a model. Then, write the numerical expressions.

a. The sum of 21 and 4, doubled	b. 5 times the sum of 7 and 23
c. 2 times the difference between 49.5 and 37.5	d. The sum of 3 fifteens and 4 twos
e. The difference between 9 thirty-sevens and	f. Triple the sum of 45 and 55
8 thirty-sevens	
,	



2. Write the numerical expressions in words. Then, solve.

	Expression	Words	The Value of the Expression
a.	10 × (2.5 + 13.5)		
b.	(98 – 78) × 11		
С.	(71 + 29) × 26		
d.	(50 × 2) + (15 × 2)		

3. Compare the two expressions using > , < , or = . In the space beneath each pair of expressions, explain how you can compare without calculating. Draw a model if it helps you.

a. 93 × (40 + 2)	\bigcirc	(40 + 2) × 39
b. 61 × 25	\bigcirc	60 twenty-fives minus 1 twenty-five



Write and interpret numerical expressions, and compare expressions using a visual model.

- 4. Larry claims that $(14 + 12) \times (8 + 12)$ and $(14 \times 12) + (8 \times 12)$ are equivalent because they have the same digits and the same operations.
 - a. Is Larry correct? Explain your thinking.

b. Which expression is greater? How much greater?



Write and interpret numerical expressions, and compare expressions using a visual model.