ວແ	udent:		Assignment: Homework #23
Da	ate:	_ Course: MAP102 MASTER	Assignment. Homework #25
1.	A woman bought some large frames for \$16 each and some small frames for \$4 each at a closeout sale. If she bought 29 frames for \$236, find how many of each type she bought.		
	She bought	large frames.	
	She bought	small frames.	
2.	One number is nine less that	an a second number. Three times the first is	6 more than 4 times the second. Find the numbers.
	The value of the first number	er is	
	The value of the second nu	mber is	
3.	At a concession stand, five hot dog(s) and four hamburger(s) cost \$16.50; four hot dog(s) and five hamburger(s) cost \$17.25. Find the cost of one hot dog and the cost of one hamburger.		
	What is the cost of one hot	dog? \$	
	What is the cost of one han	iburger? \$	
4.	Solve the system of equation	ns.	
	9x - 2y = 65		
	9x - 2y = 65 $- 2x + 5y = 22$		
-	Select the correct choice be	low and, if necessary, fill in the answer box	to complete your choice.
		n. The solution of the system is	
		er. Type an ordered pair.)	
	UB. The solution set of t	ne system is {(x,y)∣ 9x − 2y = 65}.	

5. Solve the system of equations by the substitution method.

$$\begin{cases} \frac{x}{4} + y = -\frac{25}{4} \\ -x + 4y = -31 \end{cases}$$

Select the correct choice below and, if necessary, fill in the answer box to complete your choice.

A.There is one solution. The solution of the system is
(Simplify your answer. Type an ordered pair.)B.The solution set of the system is $\left\{ (x,y) \middle| \frac{x}{4} + y = -\frac{25}{4} \right\}$.C.The solution set is \emptyset .

1. 10	
19	
2. – 42	
- 33	
3. 1.50	
2.25	
4. A. TI	nere is one solution. The solution of the system is (9,8) . (Simplify your answer. Type an ordered pair.)
5. A. TI	nere is one solution. The solution of the system is (3, - 7) .(Simplify your answer. Type an ordered pair.)