Ex1,  Perimeter of a rectangle is 96 feet. Length of the rectangle is 20 feet longer than its width. 
Find the dimensions of the rectangle.

Ex2,  Jessie has a total of 36 coins of dimes and nickels. Total value is $2.35. 
How many of each kind of coins does he have?

Ex3,  A principle of $12,000 was invested into 2 accounts. One account was invested in muni bonds which 
generated 6% interest. The other account was invested in utility stocks which generated 10% interest. 
The total interest amount from the 2 accounts was $850. How much was invested in each account?

Ex4,  Cashew Nuts cost $4.20 per pound. Almonds cost $3 per pound. Ruth bought a total of 24 pounds of 
cashew nuts and almonds. She paid $91.20. How many pounds of cashew nuts and how many pounds of 
almonds did she buy?
Ex5, At a small local theater, a movie ticket for an adult costs $9 and a child ticket costs $5. On one evening, $2810 worth of tickets was sold. The number of adult tickets sold was 110 more than the number of child tickets.

Ex6, A truck can travel 240 miles in the same time a car can travel 300 miles. If the speed of the car is 15 miles per hour more than the rate of the truck, what is the speed of the car?

Ex7, Michelle ran 2 miles then walked 3 miles. She ran and walked a total of 1 hour and 50 minutes. Her running speed was 4 miles per hour faster than the speed of walking. Find her running speed.

Ex8, Last week, Claudia had a good time driving and biking. From Los Angeles, she drove 75 miles, she then rode a bike 12 miles. Her driving speed was 5 times faster than her biking speed. Her total time for driving and biking was 2 hours and 15 minutes. How long did she drive and how long did she bike?
Ex9, At 12:00pm, a truck leaves a town and travels at 55 miles per hour. At 12:15pm, a car leaves the same town and travels at 60 miles per hour towards the truck. At what time will the car meet the truck?

Ex10, A boat travels at 7 miles in still water. The boat makes a trip upstream against the current of a river in 20 minutes. The boat makes a return trip downstream with the current in 15 minutes. Find the speed of the current of the river?

Ex11, Vesta can paint a house in 12 hours and Clorinda can paint the same house in 8 hours. If the 2 ladies paint the same house together, how long does it take?