2) Traveling with the current a certain boat went 20 mph. Against the same current it only went 4 mph. What is the speed of the current? How fast would the boat go if there were no current?

3) Dan's school is selling tickets to a fall musical. On the first day of ticket sales the school sold 13 adult tickets and 11 student tickets for a total of \$207. The school took in \$193 on the second day by selling 13 adult tickets and 9 student tickets. Find the price of an adult ticket and the price of a student ticket.

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4)	The difference of two numbers is 3. Their sum is 25. Find the numbers.
5)	The senior classes at High School A and High School B planned separate trips to Yellowstone National Park. The senior class at High School A rented and filled 2 vans and 7 buses with 377 students. High School B rented and filled 12 vans and 14 buses with 834 students. Each van and each bus carried the same number of students. How many students can a van carry? How many students can a bus carry?
6)	Kayla and Julia are selling pies for a school fundraiser. Customers can buy cherry pies and lemon meringue pies. Kayla sold 5 cherry pies and 6 lemon meringue pies for a total of \$154. Julia sold 8 cherry pies and 2 lemon meringue pies for a total of \$102. Find the cost each of one cherry pie and one lemon meringue pie.