Solve each equation.

15. $6y - (2y - 5) = 29$

16. $5x - 9 = 7x + 6 - 2x$

20. $8b + 12 - b = 8 + 7b + 4$

Write and solve an equation to solve each problem.

24. Mari and Jen each work 20 hours a week at different jobs. Mari earns twice as much as Jen. Together they earn $ 480. How much does each girl earn in a week?

25. David's bowling score is 5 less than 3 times Aaron's score. The sum of their scores is 215. Find the score of each student.

26. **Multi-Step** One month, Jon worked 3 hours less than Chaya, and Angelica worked 4 hours more than Chaya. Together they worked 196 hours. Find the number of hours each person worked.

29. Gaetano spent $37.80, including tax, on a pair of jeans. How much did the jeans cost if there was an 8% sales tax?

31. Brian is fencing a rectangular area in the backyard for his dog. He has 25 ft of fence. He does not need fencing on the side that runs along the garage. This side is 9 ft long. What are the dimensions of the kennel?