

In the early 1900s, arithmetic problems were designed after real-life situations. Students were able to better understand their work when it related to something that they were already familiar with, such as farming and animals. Read the following problems and see if you can do arithmetic from the 1900s! From *Ray's New Practical Arithmetic* by Joseph Ray, M.D., c1877.

- 1.** If one orange costs 2 cents, what will 3 oranges cost?
- 2.** A speculator bought three houses. For the first he gave \$4,875; for the second, \$2,250 more than the first; and for the third he gave \$3,725. He afterward sold them all for \$20,838. How much did he gain?
- 3.** The following is Mr. Brown's private account for two weeks: First week received \$50 for salary, and spent \$25 for clothing, \$7 for board, \$2 for washing and \$5 for sundries. Second week received \$50 for salary, loaned \$35 to Tom Jones, paid \$7 for board, \$2 for washing and \$8 for sundries. How much did Mr. Brown have at the end of two weeks?
- 4.** How far will a ship sail in 56 weeks at the rate of 1,512 miles per week?
- 5.** The yearly income from a railroad is \$379,600; how much is that a day? (365 days = 1 yr.)
- 6.** A farmer raised 8,288 bushels of corn, averaging 56 bushels to the acre; how many acres did he plant?
- 7.** The President receives \$50,000 a year; how much is that a day?
- 8.** My salary is \$800 a year. How much is that a day, there being 313 working days in the year?
- 9.** A lady had \$20. She bought a dress for \$8.10, shoes for \$5.65, eight yards of delaine at 25 cents a yard, and a shawl for \$4. What sum was left?
- 10.** How many yards of calico, at 8 cents a yard, can be bought for \$2.80?
- 11.** A man worked 3 days for \$3.75; what were his daily wages?
- 12.** Bought... 4 pounds prunes at .18 per lb., 8 pounds peaches at .23 per lb., 7 pounds rice at .11 per lb., 6 pounds oatmeal at .09 per lb., 13 pounds java coffee at .35 per lb. and 26 pounds sugar at .12 per lb. What is the whole amount?