

1. How many bushels of wheat can be put into a bin 6 ft. 4 in. long, 4 ft. 2 in. wide, and 3 ft. deep?
2. How many bushels of potatoes can be put into the same bin, allowing that the heaped measure fills $\frac{1}{4}$ more space than the stricken measure?
3. How many furrows, each 18 in. wide, will be made in ploughing lengthwise a piece of land 15 rd. 8 ft. long, 8 rd. wide? How many acres in the piece?
4. A book-keeper who received \$75 a month paid for living expenses \$640 a year. After his salary increased 20%, his expenses increased 30%. After the increase, did he save more or less than before, and how much a year?
5. I pay an agent $2\frac{1}{2}\%$ for selling a piece of land for \$2460. What did I get for the land?
6. A house rents for \$450 a year, which is 15% of its cost. It cost 75% of what it was sold for. What was it sold for?
7. How many cubic inches does a pound of water occupy?
8. What is the weight of a gallon of water? of a quart? of a pint? How near is this to "a pint is a pound"?
9. A boy put \$50 into the savings-bank, and drew out the interest of 2% every 6 months for 5 years. How much did he draw out?
10. A man pays 75% of his debts, and has \$200 more to pay. How much did he owe?
11. Bought oranges at 20¢ a dozen, and sold them at a gain of 20%. For what did I sell them apiece? If I had sold them at 3¢ apiece, what should I have gained per cent?
12. A train leaves a station at 8 A.M., and goes at the rate of 20 miles an hour. When will another train, which starts at 9.45 and goes 28 miles an hour, overtake it?
13. If cloth is measured with a "yard stick" $\frac{1}{2}$ of an inch too short, what is the correct measure of a piece which appears to be 42 yd. long?
14. In 206.48 ch. how many miles?
15. A man who owned $\frac{2}{3}$ of a ship, sold $\frac{1}{3}$ of his share for \$22,000. At the same rate, what was the value of the ship?