

1. A town, after a loss of 18%, has 3936 inhabitants. What was its number at first?
2. How many liters in a bushel of wheat?
3. In a school-room measuring 30 ft. 6 in. long, 16 ft. 9 in. wide, and 12 ft. 8 in. high, how many cubic feet of space to each of 56 pupils?
4. At \$6 a barrel, what will 88 lb. of flour cost? 44 lb.? 22 lb.? 240 lb.? 784 lb.?
5. What will 100 lb. of flour cost at \$5.88 a barrel? at \$6 a barrel? at \$5.40? at \$4.80?
6. If it takes $1\frac{1}{2}$ lb. of flour to make a 10-cent loaf of bread, how many loaves of bread will a barrel make, and what per cent of the price of the bread is the cost of the flour at \$6 a barrel?
7. If coal is sold at 20¢ a basket of 25 lb., which costs \$6 a ton, what per cent of profit is made? For what would it sell a basket if only 25% were made?
8. My agent bought for me 86 T. of hay at \$13.25 a ton. What was his commission at $1\frac{1}{4}\%$?
9. A coal-dealer bought 1246 tons of coal, and sold at different times 85.5 tons, $140\frac{1}{2}$ tons, 562.3 tons, and 40.25 tons. How much did he sell, and how much remains?
10. Find the amount of what he sold at \$6.25, and estimate the value of the remainder at \$5.75.
11. If you put $\frac{1}{2}$ of your potatoes in one bin, $\frac{2}{3}$ in another, and 54 bushels in another, how many bushels of potatoes have you?
12. The product of two numbers is $48\frac{1}{2}$, and one of the numbers is $12\frac{1}{2}$. Required the other.
13. Owning $\frac{3}{4}$ of a factory, Mr. Brown sold $\frac{1}{4}$ of his share for \$18,000. What was the value of the entire shop at the same rate?
14. From a piece of cloth measuring $48\frac{1}{2}$ yd., a merchant sold $9\frac{1}{2}$ yd. What part of the whole was sold? What part remained? He sold the $9\frac{1}{2}$ yd. at \$1.25, and 3 months later sold the remainder at 85¢ a yard, throwing in $\frac{1}{4}$ of a yard that was damaged. How much did he receive for the whole piece?