1. How many times is one hundred and four contained in the sum of:—six thousand, nine hundred and thirty-five; forty-eight; thirteen thousand and eight; seven hundred and sixty-eight; and nine thousand, nine hundred and twenty-one?

2. Find the sum of 348596, 3300992, 1472, 576829, 4488301, 119, 2216839, 201099 and 4583.

3. From the sum of 39528, 660001, 394857, 49592 and 6601, subtract the sum of 48593, 10009, 34928, 35725 and 625.

4. Divide 6398155575 by 693567.

5. Multiply 34925 by 66259.

6. A firm buys lumber at $39.50 per thousand feet to build into crates, each crate requiring 24 ft. of lumber. If the crates sell for $1.25 each, and labor on each crate amounts to 28 cts., how many must be sold to make a profit of $500.00?

7. What is the cost of building four miles of sidewalk, at the rate of 32 cts. per foot?

8. A tank contains 34 cu. ft. of water. How many U.S. gallons does it contain, if one U.S. gallon contains 231 cu. ins.?

9. What is the average weight of the following castings: 67 lbs., 341 lbs., 33492 lbs., 675 lbs., 4509 lbs., and 78 lbs.?

10. If a gas-engine uses 1 cubic foot of gas per horse-power per minute, how many cubic feet of gas are required to run a 32 H.P. engine for one hour?