

B.

Find the greatest common measure of the following :
 (1) 279 ft. and 651 ft.; (2) 1264 yds. and 634 rods; (3) \$333 and \$851; (4) 2882 gals. and 4543 gals.; (5) 12341 ft. and 2788 rods; (6) 91 hours and 2431 minutes; (7) \$1463 and 11175 cents; (8) 6069 marbles and 23023 marbles; (9) 11592 horses and 3289 horses; (10) 987 lbs. and 20539 ounces; (11) 714 thirds and 2057 thirds; (12) 2769 tenths and 3195 tenths.

C.

- (1) What is the length of the longest chain that will exactly measure the length and the width of a piece of land 312 rods long and 168 rods wide?
- (2) Three scantlings, measuring respectively 12 ft., 16 ft. and 20 ft., were cut into the longest possible pieces of equal length. What was the length of a piece?
- (3) Two cisterns hold respectively 4672 and 5088 gallons. Find the largest barrel capable of measuring both cisterns.
- (4) Two journeys of 444 and 1295 miles are portioned off into equal daily distances. Find the daily journey.
- (5) What is the greatest length of rail that can be used, without cutting, to put a fence around a farm 3588 feet by 2880 feet? How many rails will be required for it if the fence be six rails high?
- (6) What are the least numbers which, taken from 893 and 965 respectively, leave remainders of which 7 is a measure?
- (7) Three lots measure respectively 84 ft. by 144 ft., 104 ft. by 128 ft., and 112 ft. by 96 ft. If these be laid out in square beds of the largest possible size, find the number of beds in each lot.
- (8) Find the largest number that is a factor of 54180, and of 134820, and of 240660.
- (9) Find the largest number that will divide 600 and 987, leaving the remainders 5 and 7 respectively.
- (10) What is the length of the longest measuring stick that will measure 84 ft., 56 ft. and 70 ft.?