

## ARITHMETIC

through the centre of the garden, from side to side and from end to end. How much, at half a cent the square yard, will it cost to dig all the garden except the paths?

- (64) How many cubic yds. of masonry are there in the foundation of a house which is 29 ft. long and 18 ft. wide? The foundation walls are 8 ft. high and 18 in. thick.

(65) A bin of wheat is  $8' \times 6' \times 4'$ . How much would the whole weigh at 61 lbs. to the measured bushel?

(66) A field 60 chains long and 80 rods wide will produce 21600 bushels of potatoes. How many bush. is that per acre?

(67) How much will it cost, at \$1.12 per sq. yard, to pave a street 120 rods long and 90 ft. wide?

→ (68) A rectangular cistern is 8 ft. long, 6 ft. 9 in. wide, and 4 ft. deep. What will be the weight, in pounds, of water in the cistern when full? How many barrels will it hold?

(69) Find the cost of 720 boards, each 14 ft. long, 8 in. wide and  $1\frac{1}{2}$  in. thick, at \$12 per thousand ft.

(70) A sack of pease weighs 2 cwt. 55 lbs. 8 oz., and a farmer's wagon is loaded with 25 such sacks. How much less than 3 tons 4 cwt., has he on his wagon?

(71) A cistern is 5 ft. long, 4 ft. wide and 8 ft. deep. How many additional cubic ft. of earth must be removed to make it 7 ft. long, 6 ft. wide and  $8\frac{1}{2}$  ft. deep?

(72) A schoolboy gets 10 street-car tickets for a quarter, and he attends school during 40 weeks of the year. Find his annual outlay for car fare at 4 rides a day.

(73) If a milkman averaged 28 gal. 2 qt. 1 pt. a day for a week (Sunday included), find how much he would receive in 5 weeks at 6 cents a quart.

(74) A bicycle wheel passes over  $8\frac{1}{2}$  ft. in turning once. Find the number of revolutions it makes in going 4 times round a half-mile course.

(75) If ten words or less sent by telegraph cost 25 cents, and each word over ten costs two cents, write out a telegram and calculate the cost of sending it.

→ (76) A man's money is made up of 5-dollar bills,