4-dollar bills and 50-cent pieces. There are five times as many 5's as 4's, and twice as many 50-cent pieces as 5's. Altogether he has $102. How many of each kind has he?

(77) How much must be added to the product of the sum and difference of 8976 and CDIX. to make it exactly divisible by 37?

(78) I purchase 10000 lbs. hard coal. What must be the depth of my bin, which is 11 ft. long and 5 ft. wide, to hold it? A ton measures 33 cubic feet.

(79) Reduce to acres, yds., etc., 11128767 square inches.

(80) What is a bin of wheat worth, if its length be 14 ft., its width 7 ft., its height 5½ ft., and its cost 64 cents a bushel?

(81) A house is 44 ft. long and 21 ft. wide, outside measurement. What will it cost to put two floors in it of 1½ inch lumber, the walls being 18 in. thick, and lumber being worth $15 per thousand ft.?

(82) A square block of land is 1 mile 80 rods on each side. The road around it is 4 rods wide. Find the number of acres in the block of land, and also in the road.

(83) A school-room is 40×28x14 feet, there are 6 windows and 2 doors each 3×6 ft. Find the cost of plastering the walls and ceiling at 12 cents per square yard.

(84) There are 6 ft. in a fathom, how many fathoms deep could a cable 12 rods long reach?

(85) There are three prime numbers. The product of the first and second is 2537, of the first and third is 2881, and of the second and third is 3953. Find them.

(86) Divide sixty thousand and sixty-nine by 420, using all the factors of the divisor, and find true remainder.

(87) A field is 9384 inches long and 7314 inches wide. Find its area in acres, yards, etc.

(88) A cistern contains 2500 gallons. If it measures 5 ft. 4 in. by 6 ft. 3 in., find its depth.

(89) A plate of copper 3 ft. wide, 3 ft. 2 in. long, and half-an-inch thick, is rolled into a sheet 2 inches thick and 1 ft. 7 in. wide. Find its length.