

APPLICATION OF DENOMINATE NUMBERS 225

33. A man builds a close board fence 6 ft. high of inch lumber about his garden which is 100 feet wide and 120 feet long. What will the lumber cost at \$30 per M? Find the cost of painting both sides of the fence at 15 cents per square yard.

34. A field $\frac{1}{4}$ mile long and 40 rods wide is sowed in wheat. The average yield from this field was 30 bushels per acre. At \$1.75 per bushel find the value of the wheat crop from this field.

35. A schoolroom is 30 ft. long, 24 ft. wide, and 10 ft. high, and accommodates 36 pupils. How many cubic feet of air space does this provide for each pupil?