his trip he sells the whole outfit for $290. What has the use of the outfit cost him?

7 Make out a bill for the following transaction: [10]

M. F. Kennedy buys today, June 17, 1924, of King and Connor, Lowville, N. Y., 22 pounds white lead at 16 cents a pound, 2 gallons linseed oil at 75 cents a gallon, 3 quarts turpentine at 40 cents a quart, 1 brush at $1.35, 12 rolls paper at 45 cents a roll, 1 pint varnish at 65 cents, 3 pounds paste at 15 cents a pound, 6 pounds kalsomine at 12 cents a pound.

8 The cost of building a cold storage plant 100 feet long, 60 feet wide and 30 feet high, inside measurement, was $49,500; what was the cost per cubic foot? [10]

9 A coat costing $104 was marked $195; at a special sale it was sold at a reduction of 33 $$\frac{1}{3}$$% from the marked price. What percent did the merchant gain or lose? [10]

10 What will be the total cost of building a cement road 16 feet wide and 5 miles long at $2.50 a square yard? [10]

11 A merchant carries a stock of goods insured for $84,000. The insurance rate is $12 per thousand annually. The merchant is informed by the agent that if a sprinkler system is installed the rate will be reduced to $4.50 per thousand. What will be the saving in premiums each year to the merchant if the sprinkler system is installed? [10]

12 What is the amount due on a note for $375 which has run 1 year 5 months and 10 days at 5% interest? [10]

13 A school principal receives a salary of $400 a month for a school year of 10 months; a doctor makes 15 calls a day for 300 days at $2 a call and has 320 office calls at $1 each. Which of the two receives the larger income and how much larger? [10]

14 A clerk was paid $5 a day for his services. He was to receive in addition 2% on all daily sales above $50. If on Wednesday his sales amounted to $97.86, how much did he receive for that day’s work? [10]

15 How many gallons of gasoline will a tank car that is 30 feet long and 10 feet in diameter contain? [One gallon contains 231 cubic inches.] [10]
[Fifteen minutes allowed for this test.]

Tuesday, June 17, 1924 — 9.15 a.m. to 12.15 p.m.

Answer all parts of this test. Write each answer in the space marked Ans. No credit will be allowed unless the answer is correct.

a. If the street car fare is 7 cents, how much change should a man receive from a 25 cent piece after paying two fares? [1]

Ans.

b. What is the cost of 4\(\frac{1}{2}\) pounds of chicken at 40 cents a pound? [1]

Ans.

c. If a can of beans that cost 12 cents was sold for 18 cents, what was the per cent of profit? [1]

Ans.

d. Find the cost of 200 feet of lumber at $30 per M. [1]

Ans.

e. What is \(\frac{1}{2}\) of $28? [1]

Ans.

f. A jar of butter weighing 7\(\frac{1}{2}\) pounds sold for 80 cents a pound; what was the cost? [1]

Ans.

g. A book that cost $2.40 was sold at a gain of 25\%; what was the selling price? [1]

Ans.

h. If 2 quarts of oysters cost $1.40, what was the price a gallon? [1]

Ans.

i. What will 4 oranges cost at 60 cents a dozen? [1]

Ans.

j. A train that was due at 3:30 p.m. was 45 minutes late; when did it arrive? [1]

Ans.