1. The sum of \$780 is invested at $3\frac{1}{2}\%$, and has yielded \$60.06. How long has the principal been on interest?

2. I paid \$550 a year rent for my house, which I afterwards bought for \$7500. I gave \$4000 cash, and a 4% mortgage for the balance. Allowing money to be worth 4%, and estimating the cost for repairs, etc., each year to be $2\frac{1}{2}\%$ of the cost of the house, how much have I gained a year by buying the house?

3. A house valued at \$6400 was insured for $\frac{3}{4}$ of its value at $\frac{3}{4}\%$ a year. After the house had been insured 10 years, it was damaged by fire to the extent of \$450, which the company paid. How much more or less did the company pay out than they had received in premiums?

4. I sent my agent \$4000 to invest in wheat. After deducting his commission of $2\frac{1}{2}\%$ for buying, and paying \$10.40 for express, etc., he invests the remainder in wheat at 60¢ a bushel. How many bushels did he buy?

5. If 20% is gained on flour when sold at \$7.80 a barrel, what per cent would be gained if it were sold at \$7 a barrel?

6. Sold a horse for \$180, losing 40%. What was the cost?

*\$4680.*

*Guelph, March 25, 1893.*

*Six months after date I promise to pay John Jones, or order, Four Thousand Six Hundred Eighty Dollars. Value received.*

*JOHN SMITH.*

7. If the above note was presented at the Bank of Montreal May 1, to be discounted, and the rate of discount was 6%, what were the avails? Who indorsed the note? Who may have indorsed it? Who probably received the money at the bank May 1? Who may have received it? When does the bank get its money back? How much? What rate of interest did it get on its money? (Give exact rate per cent.)

8. Which is the better investment, and by how much per cent: Atch. Top. & S. F. 4's bought at $81\frac{1}{2}$, or B. & A. Railroad stock bought at 175, the stock paying 7% annually?