

30 per cent. of the remainder, and afterwards deposited 10 per cent. of what he had drawn out; how much had he then in the bank?

Ans. \$9,160.

6. A young man has \$150 in a Savings Bank. He draws out $\frac{1}{3}$ of his savings, then $\frac{1}{10}$ of the remainder, and afterwards deposits $\frac{3}{5}$ of what he draws out. How much money has he now in the bank?

Ans. \$126.

7. By selling oranges at the rate of \$3.30 for 5 dozen, 10 per cent. of their cost was gained; find the selling price at which each orange should have been sold in order to gain 20 per cent. of cost.

Ans. 6 cts.

8. I gain $16\frac{2}{3}$ per cent. by selling bananas at the rate of 3 doz. for 30 cents; at what price must I sell a banana to gain 40 per cent. of cost?

Ans. 1 cent.

9. If a garrison of 1,600 men have provisions for 11 months, how long will their provisions last, if it be increased by 160 men?

Ans. 10 months.

10. A garrison of 1,200 men, provisioned for 50 days, was reinforced at the end of 20 days and the provisions were exhausted at the end of 10 days from that time; of how many men did the reinforcement consist?

Ans. 2,400.

11. A garrison of 1,800 men has provisions for 25 days, it is reinforced at the end of 15 days and the provisions are exhausted at the end of 9 days from that time; of how many men does the reinforcement consist?

Ans. 200.

12. A tax collector gets 2 per cent. of all the money he collects; how

much money must he collect in order to have \$1,960 left for a bridge after retaining his own salary?

Ans. \$2,000.

13. After paying a tax of 4 cents on the dollar out of his income, a gentleman has \$768 left. What was his gross income?

Ans. \$800.

14. A garrison of 6,000 men has provisions for 30 days, after 12 days 600 men are killed; how long can the garrison now hold out at the same rate?

Ans. 20 days.

15. A garrison of 1,000 men has provisions for 100 days, and after 60 days is reinforced by 250 men; how long will the provisions now last at the same rate?

Ans. 32 days.

16. A dealer in cattle gave \$5,600 for a certain number, and sold a part of them for \$4 200 at \$28 each, and by so doing lost \$4 per head. For how much a head must he sell the remainder to gain \$100 on the whole?

Ans. \$60.

17. A dealer in cattle gave \$3,240 for a certain number, and sold a part of them for \$2 800, at \$20 each, and by so doing gained \$2 per head. For how much a head must he sell the remainder to gain \$80 on the whole?

Ans. \$13.

18. A drover bought a number of cattle for \$8 775, and sold a certain number of them at \$52 a head for the total sum of \$7,020, gaining \$945. For how much per head must he sell the remainder so as to gain \$300 more?

Ans. \$50.

19. A speculator gave \$7,743 for horses and sold a certain number of