11. If I lose 10 per cent. by selling at \$40, how much per cent. should I gain by selling at \$52? 17%

12. By charging \$15.75 for an article 5°/$_\circ$ is gained; how much °/$_\circ$ would be gained by charging \$16.50? 10%

13. Selling cheese at $16\frac{1}{2}$ cents I gain 10°/$_\circ$; at what must I sell it to gain 20 per cent.? 18 ¢

4 **14.** By selling an estate for \$15,000 a man gains 20 per cent.; how much did he give for it? \$12 500

15. By selling an article at a profit of \$2.50 I gain 16 per cent.; what did I give for it? \$15.62$\frac{1}{2}$

16. Sold goods at a loss of 20°/$_\circ$ and actual loss of \$57.50. Find the prime cost. \$287.50

17. What is received for 30 yards of cloth costing 55 cents a yard, when sold at an advance of 20°/$_\circ$? 19.80

18. Bought apples at 3 for a cent.; how many can be sold for 5 cents to gain $6\frac{2}{3}$ per cent.? $14\frac{1}{16}$

19. A merchant sells 95 bags of rice for $\$35\frac{5}{8}$, thus gaining $12\frac{1}{2}$ per cent.; find the prime cost per bag. $\frac{1}{3}$

20. An agent sold a lot of ground 25 feet front by 75 feet deep, at 80 cents a square foot, and charged the owner 2°/$_\circ$ of the money received for his services. What was the agent's commission? What did the owner receive?

21. 4 A commission merchant sold 150 barrels of flour at \$5.80 a barrel and charged 4°/$_\circ$ commission. What was his commission? \$34.80

22. A commission of 5°/$_\circ$ is charged by an agent for collecting an account of \$49.80; what sum does he pay to his employer? 47.31

23. If \$420 are paid annually for insuring a property for \$18,000, what is the rate per cent.? $2\frac{1}{3}$

24. If \$72 are paid for insuring \$4800, what is the rate? $1\frac{1}{2}$%

25. How much must be paid for insuring a store and goods valued at \$7500, if the rate is $1\frac{1}{2}$°/$_\circ$? 112.50