

1. In the problems on the last page, state what the base is; the percentage; the rate per cent; the amount; the difference.
2. From processes which you have learned, make a rule for finding the commission; for finding the amount sent; for finding the cost or selling price.
3. A salesman receives 2% of his sales. His sales for one week amounted to \$840. Counting 50 weeks in the year, what would he earn in a year at that rate?
4. A real estate broker received \$2537.50 for the purchase of land. His commission was  $1\frac{1}{2}\%$  of the amount paid. What was the amount paid?
5. I have remitted to my agent \$4000 with which to buy wool after deducting his commission of 1% on purchase and charges. His charges were as follows: cartage, \$5; labor, \$1.80; storage, \$6.40. What does he spend for wool?
6. An auctioneer, on a commission of 5%, sells 18 chairs at \$1.12 $\frac{1}{2}$  apiece, 2 bedsteads at \$6.40 apiece, and some crockery for \$18.60. What are the net proceeds of the sale?
7. An agent received \$32.50 commission for selling goods for \$1300. What was the rate of commission?
8. My agent bought for me tea at  $\frac{3}{4}\%$  commission, receiving \$150 for his trouble. He sold the tea at a profit of  $12\frac{1}{2}\%$  on the cost. His commission for selling was 1% of the selling price. How much did I make?
9. My agent has sold goods to the amount of \$5840. His charges are: commission,  $2\frac{1}{2}\%$ ; cartage and storage, \$10.40; and 1% for guaranteeing sales. How much is due me?
10. A merchant buys goods on 60 days' credit, and is allowed  $1\frac{1}{2}\%$  for cash. What can he save on a bill of \$1840 by paying cash?
11. Received as net proceeds of a consignment \$858, after paying  $2\frac{1}{2}\%$  commission for selling. What was the amount of sales?
12. A commission merchant sold for me at auction a lot of goods to the amount of \$10,860. His charges are as follows: commission,  $2\frac{1}{2}\%$ ; guarantee,  $2\frac{1}{2}\%$ ; advertising, \$18.60; labor and cartage, \$6.40; storage, \$12.50. Required the net proceeds.