

1. A man died insolvent with an estate valued at \$15,000. If he owed \$20,000, what did his estate pay on the dollar?
2. Wheat that cost  $37\frac{1}{2}\text{¢}$  a bushel was sold at  $75\text{¢}$  a bushel. What was the gain per cent?
3. A man made 20% by selling a horse for \$160. What was the cost? What was the gain?
4. Find as nearly as you can by the scale the area of Manitoba and of Quebec. Compare your answers with the true areas.
5. How many square feet of boards will it take to build a board-walk 58 ft. 3 in. long, 6 ft. wide, the boards to be 6 ft. long and 6 in. wide, laid crosswise, with spaces between them 1 in. wide?
6. A man bequeathed  $\frac{3}{4}$  of his estate to his wife, and the remainder to his two sons, who received \$2000 each. What was the value of his estate?
7. The diameter of a wheel is 3 ft. How many revolutions will it make in a mile?
8. How many bars of iron, each weighing 38 lb. 4 oz., will it take to weigh 3 cwt. 45 lb.? to weigh 1.15 T.?
9. How many quart boxes will 3 bu. 2 pk. 6 qt. of berries fill?
10. How many rails 30 ft. long are needed to build 1200 ft. of railroad? to build 12 miles?
11. How many pills of 3 grains each can be made from 3viij  $\text{̄}$ ij of calomel?
12. A fruit merchant bought  $67\frac{1}{2}$  crates of peaches for \$75, but was obliged to sell them at a loss of 10%. For what were they sold per crate?
13. What will a piece of land  $200^m$  long,  $150^m$  wide cost at \$80 per ar?
14. What will 1684 lb. of wheat cost at \$1.20 a bushel?
15. In 1900 the school savings banks of Winnipeg had 1527 depositors, with deposits amounting to \$4942.09. What was the average amount for each depositor? What per cent of the school population (6000) at that time were depositors? At 3% a year, how much interest would be allowed on a deposit of \$12.50?