MENTAL ARITHMETIC.

10. Find the cost of 171 lb. of beef at 131 cts. per pound.

11. 15×24 .

12. $18\frac{1}{2} \times 14$.

13. Find the cost of 1250 lb. of hay at \$12 per ton.

14. Find the cost of 1600 lb. of hay at \$9 per ton.

15. Find the cost of 1325 lb. of hay at \$8 per ton.

16. Find the cost of 2500 lb. of hay at \$8.40 per ton.

17. Find the cost of 350 lb. of hay at \$10 per ton.

18. Find the cost of 24 yds. of cloth at 7s. 6d. per yard.

19. Find the cost of 36 yds. of cloth at 6s. 8d. per yard.

20. Find the cost of 25 articles at 12s. 6 d. each.

21. Find the cost of a rectangular field 80 rd. long 30 rd. wide, at \$17 per acre.

22. Find the cost of 7 yd. 2 ft. 6 in. of ribbon at 12 cts. per yard.

23. Find the cost of 48 lb. of beef at 121 cts. per pound.

24. Find the cost of 34 books at 19 cts. each, at 21 cts. each, at 18 cts. each, at 22 cts. each.

25. Find the simple interest on \$85 for 2 yrs. 6 mos. at 6%.

26. Find the cost of 37¹/₂ articles at 28 cts. each.

27. How many furrows each 10 in. wide must be turned in plowing a field which is 10 rods wide.

28. A number is larger by 37 than 3 of it. Find the number.

29. A grocer made \$18 by selling goods at a gain of 16%. Find the cost.

30. Eggs sold at 18 cts. per dozen net a profit of 20%; find the cost price per dozen.

31. At 75 cts. per yard find the cost of carpeting a room 18 ft. long, 15 ft. wide, with carpet 1 yd. wide.

32. Find the cost of 165 articles at \$1.75 each.

33. Find the cost of 36 yds. of carpet at £1 6s. 8d. per yard.

34. Find the interest on \$240 for 120 days at 5%. (Interest

at 5% = int. at $6\% - \frac{1}{6}$ of int. at 6%.)

35. Find the interest on \$160 for 180 days at 8%. (Int. at $8\% = int. at 6\% + \frac{1}{2} of int. at 6\%$).

36. If 10 men can do a piece of work in 3 days, how many men can do the same in one day? In how many days can one man do it?

37. A can do a piece of work in 5 days and B can do the same in 6 days, how long will it take them working together.