

1. Simplify :—

$$\frac{\frac{6}{11} \times 2\frac{1}{6} - \frac{5}{8} \text{ of } \frac{3}{4}}{1\frac{2}{3} \div 1\frac{3}{7} - \frac{1}{9} \frac{9}{8}}$$

2. A rectangular lawn is 57 yds. long. It costs £41 8s. put a fence around it at 4s. 6d. per yd. Find the width of the lawn.

3. If 56 lbs. of butter cost £12 2s. 8d., find the cost
(a) 3.375 cwts.; (b) 1.05 tons.

4. A man borrowed £550. At the end of 6 months he has to pay £12 7s. 6d. interest. What rate per cent per annum was he charged for the loan?

5. In a 40 ton mixture of sand, gravel, and cement, the sand weighs 24 tons 10 cwts., and the gravel 10 tons 4 cwts.

Find: (a) the weight of the cement;

(b) what percentage of the mixture is cement.