

1963

1. Find the total cost of the following :—

785 units of electricity at 2·4d. per unit.

11 cwts. coal at £10 2s. 6d. per ton.

15 gals. 1 qt. oil at 2s. 4d. per gallon.

2. A roll of cloth 28 yards in length costs £55 10s. 8d. What would  $3\frac{1}{4}$  yards of the cloth cost?

3. Simplify :—

$$\frac{\frac{5}{11} \times 1\frac{8}{25} + 2\frac{1}{4} \times 1\frac{5}{6}}{3\frac{9}{20} \div \frac{2}{5} - \frac{3}{4}}$$

4. A man is charged  $6\frac{1}{4}\%$  per annum for a loan. If he pays £17 3s. 9d. simple interest every 6 months, what is the amount of the loan?

5. 275 people attended a concert and paid 3s. 6d. each on admission. Expenses amounting to £38 10s. were paid out of the takings and the rest was profit. Find the profit and express the profit as a percentage of the takings.