

1960

SECTION A

- (a) Simplify : $(5\frac{1}{7} - 3\frac{1}{8}) \div (5\frac{1}{8} - 3\frac{1}{7})$.

(b) Subtract 2.93×10.1 from $1.48 \div 0.05$.
- Write 7s. $10\frac{1}{2}$ d. as a decimal of 5 guineas.
- Reduce £59 15s. 10d. by 9%.
- £175 7s. 6d. is the interest on £7,320 for five months.
How much per cent per annum is this?
- The average weight of four boys is 6 st. 3 lbs., and the average weight of three of them is 5 st. 11 lbs. Find the weight of the other boy.

SECTION B

6. The floor of a rectangular kitchen, 13 feet wide, is covered with square tiles whose sides are 6 inches each. If 884 tiles are necessary, find the length of the kitchen, and the cost of the tiles at 1s. 0½d. each.

[30 marks.]

7. A shopkeeper buys five score eggs for £2. Six eggs are broken, and he sells the remainder at 5s. 6d. per dozen. Find his profit per cent.

[30 marks.]

8. The floor of a rectangular room, 18 ft. 6 ins. long and 15 ft. 6 ins. wide, is covered with linoleum. If the room had been two feet longer and 1½ ft. wider, the additional cost of the linoleum would be £3 1s. 9d. What does it cost to cover the floor?

[30 marks.]

9. Three brothers got a present of 250 francs from their uncle, who lives in France. This money was divided among them in proportion to their ages, which were 13 years, 11 years 9 months, and 6 years 6 months. Find in pounds and shillings, to the nearest shilling, how much each got, if £1 = 13.75 francs.

[35 marks.]

10. A man spends 30% of his income on taxes, 30% of the remainder on living expenses, and £55 5s. on insurance. If he has £514 7s. 6d. left, what is his income?

[35 marks.]