A COLLECTION OF QUESTIONS.

1. What is the value of 14 barrels of soap, at $4\frac{1}{2}$d per lb. each barrel containing 254 lb. ?   *Ans.* £66 : 13 : 6.

2. A and B trade together ; A puts in £320 for 5 months, B £460 for 3 months, and they gain £100 ; what must each man receive ?

Ans. A £53 : 13 : $9\frac{270}{298}$, and B £46 : 6 : $2\frac{28}{298}$.

3. How many yards of cloth, at 17s. 6d per yard, can I have for 13 cwt. 2 qrs. of wool, at 14d. per lb.

Ans. 100 yards, $3\frac{1}{2}$ qrs.

4. If I buy 1000 ells of Flemish linen for £90, at what may I sell it per ell in London, to gain £10 by the whole ?

Ans. 3s. 4d. per ell.

5. A has 648 yards of cloth, at 14s. per yard, ready money, but in barter will have 16s. ; B has wine at £42 per ton, ready money : the question is, how much wine must be given for the cloth, and what is the price of a ton of wine in barter ?

Ans. £48 the ton, and 10 tons, 3 hhds. $12\frac{5}{8}$ gals. of wine must be given for the cloth.

6. A jeweller sold jewels to the value of £1200, for which he received in part 876 French pistoles, at 16s. 6d. each ; what sum remains unpaid ?   *Ans.* £477 : 6.

7. An oilman bought 417 cwt. 1 qr. 15 lb., gross weight, of train oil, tare 20 lb. per 112 lb. how many neat gallons were there, allowing $7\frac{1}{2}$ lb. to a gallon ?   *Ans.* 5120 gallons.

8. If I buy a yard of cloth for 14s. 6d. and sell it for 16s. 9d , what do I gain per cent ?   *Ans.* £15 : 10 : $4\frac{24}{174}$.