ASSISTANT.] A COLLECTION OF QUESTIONS.

45. What is the amount of $\pounds 1000$ for $3\frac{1}{2}$ years, at $4\frac{3}{4}$ per cent, simple interest? Ans. $\pounds 1261: 5$.

46. Sold goods amounting to the value of \pounds 700 at two 4 months, what is the present worth, at 5 per cent., simple interest? $Ans. \pounds 682: 19: 5\frac{1}{4}\frac{177}{1891}$.

47. A room 30 feet long, and 18 feet wide, is to be covered with painted cloth, how many yards of $\frac{3}{4}$ wide will cover it? Ans. 80 yards.

43. Betty told her brother George, that though her fortune, on her marriage. took \pounds 19312 out of her family, it was but if of two years' rent, Heaven be praised ! of his yearly income; pray what was that ? Ans 16093:6:8 a year.

49. A gentleman having 50s. to pay among his labourers for a day's work, would give to every boy 6d., to every woman 8d., and to every man 16d.; the number of boys, women, and men, was the same. I demand the number of each ? Ans. 20 of each.

50. A stone that measures 4 feet 6 inches long, 2 feet 9 inches broad, and 3 feet 4 inches deep, how many solid feet doth it contain? Ans. 41 feet 3 inches.

51. What does the whole pay of a man-of-war's crew, of 640 sailors, amount to for 32 months' service, each man's pay being 22s. 6d. per month ? Ans. £23040.

52. A traveller would change 500 French crowns, at 4s. 6d. per crown, into sterling money, but he must pay a halfpenny per crown for change; how much must he receive?

Ans. £111:9:2.

53. B and C traded together, and gained $\pounds100$; B put in $\pounds640$, C put in so much that he might receive $\pounds60$ of the gain. I demand how much C put in ? Ans $\pounds960$.

51. Of what principal sum did £20 interest arise in one year, at the rate of 5 per cent. per annum? Ans. £400. 55. In 672 Spanish gilders of 2s. each, how many French pistoles, at 17s. 6d. per piece? Ans. $76\frac{2.8}{3.5}$.

56. From 7 cheeses, each weighing 1 cwt. 2 qrs. 5 lb., how many allowances for seamen may be cut, each weighing 5 oz. 7 drams ? Ans. $356\frac{35}{87}$.

57. If 48 taken from 120 leaves 72, and 72 taken from 91 leaves 19, and 7 taken from thence leaves 12, what number

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cwt. 0 qrs. loz. candles.

hat per day ? Ans. 4s.

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take $\frac{3}{5}$, the Ans. $\frac{2}{4}$. rye at 4s. a ch must he

24 of oats. the worth of 73:6:8. nany gallons 5s.4d.? Ans.234. he better of e £2200 for continued till he found by commission

 \pounds 10450. led amongst $e \frac{1}{3}$ of it, the er, which is as. \pounds 112. 151