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5.
1 ?, and C. $\frac{1}{2}\frac{5}{4}$;
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al of £3000, of
at the end of 3
one's share of
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eadily found;
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ing bought a
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annum. Now the sum of money which they laid down was in such proportion, that, as often as B paid £5, C. paid £7, and as often as C. paid £4, D. paid £6; I demand how much each man must have per annum of the gain?

Note. By the question, so often as B paid £5, D paid $\frac{6}{7}$ of £7. Ans. B. £26 13s. 4d., C. £37 6s. 8d., D. £56.

128. A gentleman divided his fortune among his sons, giving B. £9 as often as C. £5, and D. £3 as ..... as C. £7; D.'s dividend was 1537⅛; to what did the whole estate amount? Ans. £11583 8s. 10d.

129. B. and C. undertake a piece of work for £13 10s., on which B. employed 3 hands 5 days, and C. employed 7 hands 3 days; what part of the work was done by B., and what part by C.? what was each one's share of the money? Ans. B. $\frac{5}{12}$ and C $\frac{7}{12}$; B.'s money £5 12s. 6d, C.'s £7 17s. 6d.

130. B. and C. trade in company for one year only; on the 1st of January B. put in £300, but C. could not put any money into the stock until the 1st of April; what did he then put in to have an equal share with B. at the end of the year? Ans. £400.

131. B. C. D. and E. spent 35s. at a reckoning, and being a little dipped, agreed that B. should pay $\frac{2}{3}$, C. $\frac{1}{2}$, D. $\frac{1}{4}$, and E. $\frac{1}{4}$; what did each pay in this proportion? Ans. B. 13s. 4d., C. 10s., D. 6s. 8d. and E. 5s.

132. There are 3 horses belonging to 3 men, employed to draw a load of plaister from Montreal to Stanstead, for £6 12s. 2d. B. and C.'s horses together are supposed to do $\frac{3}{4}$ of the work, B. and D.'s $\frac{9}{10}$, C. and D.'s $\frac{13}{20}$; they are to be paid proportionally; what is each one's share of the money?

Ans. $\begin{cases} \text{B.'s £2 17s. 6d. } (=\frac{19}{23}) \\ \text{C.'s 1 8s. 9d. } (=\frac{5}{23}) \\ \text{D.'s 2 6s. 0d. } (=\frac{8}{23}) \end{cases}$

Proof, £6 12s. 3d.

133. A person who was possessed of $\frac{2}{5}$ of a vessel, sold $\frac{5}{8}$ of his share for £375; what was the vessel worth? Ans. £1500.

134. A gay fellow soon got the better of $\frac{4}{7}$ of his fortune; he then gave £1500 for a commission, and his profusion continued till he had but £450 left, which he found to be