

38. A merchant sold a quantity of cloth for \$120, and by so doing gained 50 per cent. He then sold another quantity, for \$120, and thereby lost 50 per cent. Did he gain or lose by the bargain, and how much?

39. B sold a horse for \$60, and gained 20 per cent. He then sold another horse for \$60, and lost 60 per cent. Did he gain or lose, and how much?

40. The interest on $1\frac{1}{3}$ times A's, and $\frac{3}{5}$ of B's fortune, for 8 years, at 5 per cent., is \$520. What is the fortune of each, provided $1\frac{1}{3}$ times A's fortune, equals $\frac{2}{5}$ of B's?

41. $\frac{3}{5}$ of D's fortune added to $\frac{3}{4}$ of E's, which is 3 times $\frac{3}{5}$ of D's being put on interest for 8 years, at 5 per cent., gives \$800 interest. What is the fortune of each?

42. The interest of A's, B's, and C's fortune, for 5 years, at 8 per cent., is \$1040. What is the fortune of each, provided they are to each other as $\frac{1}{2}$, $\frac{1}{3}$, and $\frac{1}{4}$?

43. The interest of A's, B's, and C's fortune, for $5\frac{1}{3}$ years, at 6 per cent. is \$800. What is each of their fortunes, provided B's, is twice A's; and B's and C's are equal?

44. A's fortune added to $\frac{2}{3}$ of B's, which is to A's as 2 to 3, being put on interest for 6 years, at 4 per cent., amounts to \$124. What is the fortune of each?

45. D's money added to 4 times E's, which is equal to D's, being on interest for 10 years, at 5 per cent., amounts to \$3000. What was each of their fortunes?

46. The sum of $\frac{2}{3}$ of A's + $\frac{1}{2}$ of B's money, being on interest for 8 years, at 5 per cent, amounts to \$2100. Provided $\frac{1}{2}$ of B's money is twice $\frac{2}{3}$ of A's; how much money has each?

47. $\frac{2}{5}$ of the cost of C's house, increased by $\frac{2}{5}$ of the cost of his farm, being placed on interest for 10 years, at 7 per cent, amounts to \$17000. What is the cost