25. At what per cent. will a given principal double itself, in 6 years and 8 months ?

26. A horse was bought for $60, and sold for $90; what was the gain per cent. ?

27. A basket containing 39 oranges, cost $1.20 ; how must they be sold apiece to gain 30 per cent. ?

28. If 1 quart of champagne cost 40 cents, how must it be sold a gill to gain 20 per cent. ?

29. What is the present worth of $68, due 10 years hence, at 7 per cent. ?

30. What is the discount on $162, due 10 years and 4 months hence, at 6 per cent. ?

31. What is the present worth of $87, due $3\frac{1}{5}$ years hence, at 5 per cent. ?

32. If a hogshead of molasses containing 84 gallons cost $30; how must it be sold a gallon, to gain 40 per cent. ?

33. The money I have on interest, in 9 years, at 10 per cent., amounts to $190; what is the principal ?

34. When money was worth 6 per cent., I bought $400 worth of goods ? 6 months afterwards I sold them, and gained 10 per cent. on the cost. How much did I gain ? Ans. $28.

35. A speculator bought a horse for $36, and sold it for 25 per cent. more than he gave for it; which, however, was 10 per cent. less than what he asked for it. How much did he ask for the horse ?

36. A gentleman being asked how much money he had on interest, replied, that if instead of 6 per cent. he should receive 10 per cent, he would receive $268 interest more than he did then. How much money had he on interest ?

37. A merchant bought broadcloth for $1.20 a yard and sold it for $33\frac{1}{3}$ per cent. more than he gave for it; which, however, was $33\frac{1}{3}$ per cent. less than his marked price for it. How much was his marked price per yard ?