5. At what time between **5** and 6 o'clock do the hour and minute hands make equal acute angles with the line from 12 to 6 ?

6. At a certain time between 8 and 9 o'clock the minute hand was between 9 and 10, within an hour afterwards the hands had changed places : what was the time first mentioned ?

7. A boy sold two knives at the same price ; on the one he gained 20 per cent. on the other he lost 20. He lost two cents by the bargain : find selling and cost price of each ?

8. A sold a sheep, and lost 25 per cent ; if he had paid $1 more for it he would have lost 40 per cent : what did he pay for the sheep ?

9. Bought a hind and a fore-quarter of lamb, weighing together 24 lbs. ; the hind-quarter was 12 cts. and the fore-quarter 8 cts. per lb. ; the two cost me 8 cts. more than if I had bought the whole at an average price of 10 cts. per lb. : how much did each quarter weigh ?

10. The true discount on a sum of money for a year and a half at 8 per cent. being $12, find the true discount on the same sum and for same time at $5\frac{5}{19}$ per