

Bridge Tournament

Ten players from a bridge tournament find themselves in the same train, five being passengers and five being railway employees.

The passengers are called Smith, Jones, Clark, Stone, and Black, while the five railway employees - an engineer, a fireman, a guard, a chief guard, and a mail clerk - bear the same five names in some order.

It is further known that:

1. The passenger Smith won \$10.60 more than the chief guard did.
2. There is a difference in age between the passenger Black and the engineer, of 5 years to the day.
3. The passenger Clark is not related to the guard's namesake, even by marriage.
4. Last week, the fireman was punished for failure to report to work. While the newspaper article about this identified the offender only as a railway employee and by his last initial, the chief guard could not possibly have been suspected.
5. The passenger Black is precisely as old as the engineer was when the passenger Jones was as old as the railway employee Stone was when the engineer was as old as the railway employee Stone now is. Moreover, the passenger Black is precisely as old as the railway employee Stone was when the passenger Jones was as old as the engineer was when the passenger Jones was as old as the engineer now is.
6. One of the passengers is the son of one of the railway employees. The mail clerk is married to the mother of the passenger in question.
7. The engineer is a neighbour of the fireman's namesake.
8. The guard and his maternal grandfather celebrate their birthdays on the same day.

9. The fireman differs in age by less than 2 years both from his namesake and from the engineer.
10. The chief guard's youngest grandson is married to the mother of the engineer's namesake.
11. The passengers Jones and Stone live in Bridgeport.
12. The mail clerk had winnings exactly one quarter of his namesake's winnings, and the chief guard had winnings exactly one fifth of his namesake's winnings.
13. The chief guard's namesake celebrates his birthday one week before the railway employee Stone.
14. The guard is married to a daughter of the passenger Smith.
15. The railway employee Stone's mother's father was born on the same day as the passenger Clark.
16. One of the passengers is the father of one of the railway employees.
17. The engineer differs less in age from the mail clerk than from any of the eight other persons.
18. The railway employee Stone won \$2.80 more than the railway employee Smith did; the railway employee Clark won \$3.25.
19. The railway employee Smith lives in Stamford.
20. Two of the railways employees won \$6.60 each.

What are the names and the winnings of the five railway employees (engineer, fireman, and so forth)?