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and non-league games; 7 from a county league tournament; 10 from one of the 49 district elimination tournaments; 15 from one of the regional elimination tournaments and 16 games from the State Class "A" Tournament.

A county league tournament is one held by members of a county league. These tournaments must be played at least two weeks before the state district elimination tournament. The district and regional tournaments are conducted on an elimination basis to qualify teams for the Class A and Class B state tournaments. Class B schools are those whose enrollments are less than 200; Class A, 200 or more. District tournaments are held for Class B teams only; whereas in the regionals both Class A and Class B schools compete but in separate brackets. In the State of Kansas, during the 1939-1940 season, 13 regional tournaments were held for Class A teams, and 15 for Class B teams. Sixteen teams competed in the State Class "A" Tournament.

#### DATA

##### Timing of Individual Positions

Data were collected on 149 individual cases (each case being the starting player, substitute or substitutes for one position.) From these data it was found that the average activity of a high school player in a game of basketball varied from 2 minutes and 1.6 seconds for the first quarter to 2 minutes and 17.2 seconds for the fourth quarter. That the activity increased per quarter as the game progressed is indicated in Table I. Of the 149 cases observed, the average amount of activity for an entire game was 8 minutes and 31.4 seconds which is 31.4 seconds more than