

## PROCEDURE

In collecting the data for this study the movements of players at each position were timed by the use of stop watches and recorded on time sheets. Timers were instructed to start the stop watches as soon as the activity began and to stop the watches when activity ceased. This same procedure was repeated whenever a new activity was begun and was continued until the quarter ended. The amount of movement was recorded separately for each quarter. Each timer was assigned a specific position which included the starting player, his substitute or substitutes. In addition to this, the total elapsed time of quarters, intermissions and the entire game was recorded.

The difference between the beginning and ending time of each quarter indicated the elapsed time per quarter. Wrist watches were used for this type of timing. By the same method, the total elapsed time for the entire game was obtained; and the difference between the total elapsed time of the four quarters and that of the entire game produced the total time for intermissions, time between quarters and the half combined.

All the timing done for this study was of games in the State of Kansas. One stop watch was used in timing league and non-league games, district and regional tournaments, two in the county league tournament and five in the State Class "A" Tournament. When five watches were used every position on one team was timed.

One hundred and forty-nine positions were timed in sixty-one games. The games were divided as follows: 13 from league