

Technical and Personal Penalties (Table I)

	Number Cases	Point Value
I. Missed Free Throws with Ball in Play -----	208	
A. Ensuing Rebound Field Goals -----	<u>16(16/208 x 2 points) = 2/13</u>	
B. Ensuing Possession by Throwers -----	41	
C. Goal Following B -----	<u>10(10/208 x 2 points) = 1/10</u>	
Total Point Value of Rebound -----		33/130
II. Possession at Mid-Court -----	24	
A. Primary Purpose to Consume Time -----	<u>8</u>	
B. Primary Purpose to Score -----	16	
C. Goal Before Loss of Ball -----	4 (4/16 x 2 points) = 1/2	

Conclusions: These figures indicate that the point value of a rebound following a missed free throw is 33/130 as compared with a point value of 65/130 for possession at mid-court. If we assume that players will be equally successful in free throws following personal or technical fouls, the penalty for a technical foul is more severe than for a personal foul by 32/130 of a point.

When to Waive Free Throw (Table II)

	No. Cases	%	Point Value
I. When Free Throw is Attempted			
Chance of Scoring Point -----	1000	51	1/2
Rebound Value if Missed (From Table I) -----			<u>33/130</u>
Total Point Value of Free Throw -----			98/130
II. When Free Throw is Waived			
Value of Possession at Mid-Court (From Table I)			65/130

Conclusion: Unless a team wishes to consume time, they lose 33/130 of a point when they waive a free throw. They would be justified in taking this action only in case the free-throwing ability of a given player is below 25% (1 out of 4 trials).

Value of Field Goal Rebounds

Field Goals Scored on First Tries: -----	53%
Field Goals Scored Following First Tries: -----	47%

Conclusion: More than half of the field goals are scored the first time a team tries after securing possession following a jump ball, or possession by an opponent. Direct rebounds or tries after batting the ball back after a rebound account for the remainder.