

$x_i$	$f_X(x_i)$
\$0	0.9791658999
9	0.0183025856
85	0.0023667137
1,500	0.0001604552
18,000	0.0000043457

**Table 2.2.** The Density of the Payoff to a \$1 Wager on an 8 Spot Keno Ticket. The table shows the probability density of the discrete random  $X(\omega) = \sum_{i=1}^5 x_i I_{F_i}(\omega)$  where  $F_1$  is the event "catch 4 or less spots",  $F_2$  is the event "catch 5 spots", etc. Table 2.2 is derived from Tables 1.2 and 1.3.