**Deal or No Deal**

1. What is the theoretical probability that the case you have chosen contains more than $150,000?

|  |  |  |
| --- | --- | --- |
| Fraction | Decimal | Percentage |
|  |  |  |

1. Choose a case round by round to complete the following:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Round 1 | Round 2 | Round 3 | Round 4 | Round 5 |
| Case number |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Amount |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Round 6 | Round 7 | Round 8 | Round 9 | Round 10 | Round 11 |
| Case number |  |  |  |  |  |
| Amount |  |  |  |  |  |

1. Fill in the three pieces of information for following:

|  |
| --- |
| Round 1, Pick 1 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|   |  |  |
| Round 1, Pick 2 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |

|  |
| --- |
| Round 1, Pick 3 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 1, Pick 4 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |

|  |
| --- |
| Round 1, Pick 5 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 1, Pick 6 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 2, Pick 1 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 2, Pick 2 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 2, Pick 3 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 2, Pick 4 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 2, Pick 5 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 3, Pick 1 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 3, Pick 2 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 3, Pick 3 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 3, Pick 4 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 4, Pick 1 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 4, Pick 2 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 4, Pick 3 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 5, Pick 1 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 5, Pick 2 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 6, Pick 1 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 7, Pick 1 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 8, Pick 1 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 9, Pick 1 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 10, Pick 1 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |
| Round 11, Pick 1 |
| Fraction of winning more than $150,000 | Decimal of winning more than $150,000 | Percentage of winning more than $150,000 |
|  |  |  |