

Blackjack Math Answers

The correct answer is in a larger red **BOLD** font.

31. What is a 3 to 2 Blackjack pay for a \$25 bet?

$$\begin{array}{r} \$25 \\ + \$12.50 \\ \hline \mathbf{\$37.50} \end{array}$$

32. What is a 3 to 2 Blackjack pay for a \$100 bet?

$$\begin{array}{r} \$100 \\ + \$50 \\ \hline \mathbf{\$150} \end{array}$$

33. What is a 3 to 2 Blackjack pay for a \$5 bet?

$$\begin{array}{r} \$5 \\ + \$2.50 \\ \hline \mathbf{\$7.50} \end{array}$$

34. What is a 3 to 2 Blackjack pay for a \$45 bet?

$$\begin{array}{r} \$45 \\ + \$22.50 \\ \hline \mathbf{\$67.50} \end{array}$$

35. What is a 3 to 2 Blackjack pay for a \$80 bet?

$$\begin{array}{r} \$80 \\ + \$40 \\ \hline \mathbf{\$120} \end{array}$$

36. What is a 6 to 5 Blackjack pay for a \$25 bet?

$$\begin{array}{r} \$25 \\ + \$5 \\ \hline \mathbf{\$30} \end{array}$$

37. What is a 6 to 5 Blackjack pay for a \$100 bet?

$$\begin{array}{r}
 \$100 \\
 + \$20 \\
 \hline
 \text{\textbf{\$120}}
 \end{array}$$

38. What is a 6 to 5 Blackjack pay for a \$5 bet?

$$\begin{array}{r}
 \$5 \\
 + \$1 \\
 \hline
 \text{\textbf{\$6}}
 \end{array}$$

39. What is a 6 to 5 Blackjack pay for a \$30 bet?

$$\begin{array}{r}
 \$30 \\
 + \$6 \\
 \hline
 \text{\textbf{\$36}}
 \end{array}$$

40. What is a 6 to 5 Blackjack pay for a \$75 bet?

$$\begin{array}{r}
 \$75 \\
 + \$15 \\
 \hline
 \text{\textbf{\$90}}
 \end{array}$$

41. What is a 6 to 5 Blackjack pay for a \$1 bet?

$$\begin{array}{r}
 \text{\textbf{\$1}}
 \end{array}$$

Breakage applies which means that anything under \$5 gets paid even money.

42. What is the max insurance bet for a \$25 wager?

$$\begin{array}{r}
 \$25 \\
 \times 0.5 \\
 \hline
 \text{\textbf{\$12.50}}
 \end{array}$$

43. What is the max insurance bet for a \$5 wager?

$$\begin{array}{r}
 \$5 \\
 \times 0.5 \\
 \hline
 \text{\textbf{\$2.50}}
 \end{array}$$

44. What is the max insurance bet for a \$100 wager?

$$\begin{array}{r}
 \$100 \\
 \times 0.5 \\
 \hline
 \end{array}$$

\$50

45. What is the max insurance bet for a \$65 wager?

\$65

x 0.5

\$32.50