



BOOLEAN JEOPARDY!

HOW TO SOLVE

- Know that “Boolean” means a binary operation which returns true/false answers.
- Compare grid categories to answers, marking each true or false.
- List binary numbers in each category; True = 1 and False = 0 (first letters of category names spell out hint “YES IS ONE”)
 - Read number from most significant bit to least significant bit.
 - In the grid, the least significant (\$100) is listed at the top, and the most significant (\$1600) is listed at the bottom.
- Convert binary number to letter to get answer, as follows:

00001 = A	01110 = N
10010 = R	00001 = A
00101 = E	01101 = M
	00101 = E
	00100 = D
- See next page for detailed solution!



BOOLEAN JEOPARDY! – SOLUTION

NOTE: Boolean is a binary variable, with either a true or false result

(NOTE: values listed from least to most significant bit)	Yellow 00001= A	Edible 10010= R	Star Wars 00101= E	Impeached 01110= N	Star Trek 00001= A	Oceanic 01101= M	Not Horses 00101= E	Evil 00100= D
\$100	The Beatles' <i>Submarine</i> True = 1	Hydroelectric power False = 0	Leia True = 1	Winn Adami False = 0	Jean-Luc Picard True = 1	Seawater True = 1	Chewbacca True = 1	Gandhi False = 0
\$200	Purple potatoes False = 0	Bacon True = 1	Spock False = 0	Bill Clinton True = 1	Anakin Skywalker False = 0	Tatooine False = 0	Mister Ed False = 0	Confucius False = 0
\$400	Vulcan blood False = 0	R2-D2 False = 0	Yoda True = 1	Finis Valorum True = 1	Padme Amidala False = 0	Flight 815 True = 1	Worf True = 1	Palpatine True = 1
\$800	Luke's lightsaber False = 0	Photon torpedoes False = 0	Guinan False = 0	Rod Blagojevich True = 1	Qui-Gon Jinn False = 0	<i>Star Trek IV: The Voyage Home</i> True = 1	Seabiscuit False = 0	Surak False = 0
\$1600	Coffee False = 0	Doughnuts True = 1	Neelix False = 0	Richard Nixon False = 0	Mace Windu False = 0	Koi False = 0	Bucephalus False = 0	Socrates False = 0

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