## T

This is Ketchup. Ketchup refers to Ketchup, because Ketchup is a self-referential exam. Every question of Ketchup has exactly one correct answer; thus, if you know the answer to a question, every other potential answer for that question must be incorrect. Please do not get any ketchup on Ketchup. All of Ketchup's answers can be deduced with a minimum of trial-and-error, provided you think properly. You may thank Blane Hollingsworth for Ketchup.

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#1. The answer to this question is
a) b
b) d
c) c
d) a
#2. The answer to #1 is
a) c
b) d
c) \(a\)
d) b
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\#3. Which of the following is true?
a) the answer to \#1 is not c
b) the answer to \#2 is not a
c) the answer to \#10 is not b
d) Ketchup is not Ketchup
\#4. The answer to \#7 is
a) a
b) b
c) The same as the answer to \#11
d) The same as the answer to \#12
\#5. Which of the following is false?
a) d is the answer to both \#8 and \#10
b) Either a or b is the answer to \#8
c) Either b or c is the answer to \#8
d) Either $a$ or $b$ is the answer to \#10
\#6. The answer to \#13 is
a) b
b) c
c) $d$
d) $a$
\#7. The answer to \#14 is
a) d
b) c
c) b
d) a
\#8. In the grid of letters below you should shift each entry in the alphabet by __ places:
a) $\overline{-8}$
b) +6
c) +3
d) -2
\#9. Which one of the following is true?
a) d is true
b) a is false and b is true
c) c is false
d) b is false
\#10. You should consider the letters in which corner of the cross-indexed cells?
a) Northwest
b) Northeast
c) Southeast
d) Southwest
\#11. Which one of the following is true?
a) Either a or b is the answer to \#14
b) Either d or c is the answer to \#13
c) Either a or b is the answer to \#6
d) Either c or a is the answer to \#9
\#12. The number of times $d$ is a correct Ketchup answer is
a) 6
b) 5
c) 2
d) 4
\#13. The answer to \#6 is
a) d
b) c
c) $a$
d) b
\#14. The answer to \#4 is
a) $d$
b) c
c) $a$
d) b

|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a | $\begin{array}{cc}\text { E } & \text { A } \\ \text { W } & \text { I }\end{array}$ | $\begin{array}{ll} \mathrm{W} & \mathrm{~S} \\ \mathrm{G} & \mathrm{~J} \end{array}$ | $\begin{array}{cc} \mathrm{L} & \mathrm{E} \\ \mathrm{~F} & \mathrm{Y} \end{array}$ | $\begin{array}{ll} \mathrm{O} & \mathrm{R} \\ \mathrm{~N} & \mathrm{Y} \end{array}$ | $\begin{array}{ll} \mathrm{Y} & \mathrm{O} \\ \mathrm{~N} & \mathrm{~B} \end{array}$ | $\begin{array}{ll} \mathrm{H} & \mathrm{I} \\ \mathrm{Y} & \mathrm{~B} \end{array}$ | $\begin{array}{ll} \mathrm{N} & \mathrm{C} \\ \mathrm{C} & \mathrm{X} \end{array}$ | $\begin{array}{ll} \mathrm{O} & \mathrm{~N} \\ \mathrm{X} & \mathrm{Y} \end{array}$ | $\begin{array}{ll} P & W \\ H & J \end{array}$ | $\begin{array}{ll} \mathrm{E} & \mathrm{~V} \\ \mathrm{O} & \mathrm{~T} \end{array}$ | $\begin{array}{ll} \mathrm{L} & \mathrm{Q} \\ \mathrm{~T} & \mathrm{~F} \end{array}$ | $\begin{array}{ll}\text { A } & A \\ Y & N\end{array}$ | $\begin{array}{cc} \text { W } & \text { A } \\ \text { I } & \text { U } \end{array}$ | $\begin{array}{cc}\text { E } & I \\ W & K\end{array}$ |
| b | $\begin{array}{ll} \mathrm{D} & \mathrm{I} \\ \mathrm{O} & \mathrm{C} \end{array}$ | $\begin{array}{ll} \mathrm{R} & \mathrm{D} \\ \mathrm{~L} & \mathrm{Y} \end{array}$ | $\begin{array}{ll} \mathrm{S} & \mathrm{G} \\ \mathrm{U} & \mathrm{H} \end{array}$ | $\begin{array}{ll} \mathrm{O} & \mathrm{O} \\ \mathrm{Y} & \mathrm{R} \end{array}$ | $\begin{array}{cc} \mathrm{J} & \mathrm{~S} \\ \mathrm{~N} & \mathrm{~L} \end{array}$ | $\begin{array}{ll} \mathrm{D} & \mathrm{C} \\ \mathrm{U} & \mathrm{~N} \end{array}$ | $\begin{array}{ll} \mathrm{A} & \mathrm{E} \\ \mathrm{Q} & \mathrm{I} \end{array}$ | $\begin{array}{cc} \mathrm{U} & \mathrm{E} \\ \mathrm{~N} & \mathrm{~B} \end{array}$ | $\begin{array}{ll} \mathrm{L} & \mathrm{~L} \\ \mathrm{I} & \mathrm{O} \end{array}$ | $\begin{array}{ll} \mathrm{O} & \mathrm{~L} \\ \mathrm{M} & \mathrm{U} \end{array}$ | $\begin{array}{ll} \mathrm{C} & \mathrm{U} \\ \mathrm{H} & \mathrm{X} \end{array}$ | $\begin{array}{cc} \mathrm{N} & \mathrm{~A} \\ \mathrm{~J} & \mathrm{I} \end{array}$ | $\begin{array}{ll} \mathrm{F} & \mathrm{R} \\ \mathrm{C} & \mathrm{H} \end{array}$ | $\begin{array}{cc} \mathrm{O} & \mathrm{Y} \\ \mathrm{~N} & \mathrm{M} \end{array}$ |
| c | $\begin{array}{ll} \mathrm{G} & \mathrm{~S} \\ \mathrm{~B} & \mathrm{G} \end{array}$ | $\begin{array}{cc} \mathrm{G} & \mathrm{E} \\ \mathrm{I} & \mathrm{~T} \end{array}$ | $\begin{array}{ll} \mathrm{N} & \mathrm{~F} \\ \mathrm{O} & \mathrm{~W} \end{array}$ | $\begin{array}{ll} \mathrm{A} & \mathrm{~S} \\ \mathrm{~S} & \mathrm{~T} \end{array}$ | $\begin{array}{ll} \mathrm{A} & \mathrm{C} \\ \mathrm{H} & \mathrm{~A} \end{array}$ | $\begin{array}{ll} \mathrm{S} & \mathrm{~N} \\ \mathrm{U} & \mathrm{O} \end{array}$ | $\begin{array}{ll} \hline P & Q \\ A & N \end{array}$ | $\begin{array}{ll} \mathrm{O} & \mathrm{~J} \\ \mathrm{R} & \mathrm{R} \end{array}$ | $\begin{array}{ll} \mathrm{A} & \mathrm{U} \\ \mathrm{R} & \mathrm{E} \end{array}$ | $\begin{array}{cc} \mathrm{O} & \mathrm{~S} \\ \mathrm{~N} & \mathrm{~T} \end{array}$ | $\begin{array}{ll} \mathrm{B} & \mathrm{~F} \\ \mathrm{~T} & \mathrm{Y} \end{array}$ | $\begin{array}{cc}E & I \\ E & \\ \text { E }\end{array}$ | $\begin{array}{cc}\text { Y } & \text { D } \\ \text { U } & R\end{array}$ | E A <br> T L |
|  | $\begin{array}{ll}\text { S } & \text { I } \\ \text { L } & \text { I }\end{array}$ | $\begin{array}{ll}T & S \\ T & C\end{array}$ | $\begin{array}{ll}P & E \\ H & R\end{array}$ | $Y$ $D$ <br> $A$  | $\begin{array}{cc}\text { E } & \text { J } \\ \text { I } & \text { E }\end{array}$ | $\begin{array}{ll}\text { L } & S \\ \text { E } & \mathrm{E}\end{array}$ | $\begin{array}{cc}\text { J } & \text { A } \\ \text { I } & \text { E }\end{array}$ | $\begin{array}{cc}L & I \\ N & B\end{array}$ | $\begin{array}{ll}\text { A } & \text { W } \\ \text { N } & \text { M }\end{array}$ | F I | $\begin{array}{ll}\text { V } & \text { F } \\ \text { H } & C\end{array}$ | $\begin{array}{ll}\text { I } & \text { S } \\ \text { B } & \text { A }\end{array}$ | $\begin{array}{cc}D & E \\ W & Y\end{array}$ | $\begin{array}{ll}R & D \\ T & B\end{array}$ |

