| ${ }^{1} \mathrm{H}^{\prime}$ | ${ }^{2} O^{p}$ | ${ }^{3} W^{G}$ |  | ${ }^{4} \mathrm{H}^{\mathrm{N}}$ | ${ }^{5} A^{B}$ | ${ }^{6} \mathrm{P}^{\mathrm{L}}$ | ${ }^{7} P^{s}$ | ${ }^{8} Y^{L}$ |  | ${ }^{9} \mathrm{~T}^{\mathrm{F}}$ | ${ }^{10} \mathrm{H}^{\mathrm{A}}$ | ${ }^{11} E^{k}$ |  | $\begin{gathered} 120 \\ L^{2} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathrm{O}^{13}$ | ${ }^{14} \mathrm{~T}^{\text {S }}$ |  | ${ }^{15} \mathrm{O}^{1}$ | ${ }^{16} F^{F}$ |  | ${ }^{17} \mathrm{~T}^{0}$ | ${ }^{18} \mathrm{H}^{\mathrm{D}}$ | $E^{19}$ |  | ${ }^{20} \mathrm{M}^{\mathrm{E}}$ | ${ }^{21} A^{p}$ | ${ }^{22} \mathrm{~T}^{\mathrm{H}}$ | ${ }^{23} \mathrm{H}^{\mathrm{p}}$ | $E^{24}$ |
| $\begin{gathered} 25 \\ M \end{gathered}$ | ${ }^{26} \mathrm{~A}^{\mathrm{Q}}$ | ${ }^{27}{ }^{27}$ | $\begin{gathered} 28 \mathrm{E} \\ \mathrm{I} \end{gathered}$ | ${ }^{29} C^{L}$ | $\begin{gathered} 30 \text { A } \\ \text { \| } \end{gathered}$ | ${ }^{31} \mathrm{~A}^{\mathrm{Q}}$ | $N^{32}$ |  | ${ }_{c}^{33} \mathrm{H}^{\mathrm{s}}$ | $\begin{gathered} 341 \\ E \end{gathered}$ |  | $\begin{gathered} 35 \mathrm{~S} \\ \mathrm{I} \end{gathered}$ | ${ }^{36} \mathrm{~S}^{\mathrm{c}}$ |  |
| ${ }^{37} \mathrm{~J}$ | $U^{38}$ | $\begin{gathered} 39 \mathrm{~s} \\ \mathrm{D} \end{gathered}$ | ${ }^{40} G^{Q}$ | $\begin{gathered} 41 \mathrm{E} \\ \hline \end{gathered}$ | $\begin{gathered} 42 \mathrm{~A} \\ \mathrm{D} \end{gathered}$ |  | $S^{43}$ | ${ }^{44} \mathrm{O}^{\mathrm{P}}$ | ${ }^{45} L^{\prime}$ | ${ }^{46}{ }^{s}$ | $\begin{gathered} 47 \mathrm{~L} \\ \mathrm{~L}^{4} \end{gathered}$ | ${ }^{48} Y^{B}$ |  | $\begin{gathered} 49 \text { B } \end{gathered}$ |
| ${ }^{50} Y^{0}$ |  | $\begin{gathered} 51 \\ \mathrm{H}^{\mathrm{F}} \end{gathered}$ | $\begin{gathered} 52 \\ \hline \end{gathered}$ | $S^{53}$ |  | ${ }^{54} \mathrm{P}^{0}$ | $\begin{gathered} 55 \\ E \end{gathered}$ | $E^{56}$ | $\mathrm{E}^{57} \mathrm{R}^{\mathrm{H}}$ | $S^{58}$ |  | ${ }^{59} \mathrm{~A}^{\mathrm{s}}$ | ${ }^{60}{ }^{0}$ | $\begin{gathered} 61 \mathrm{P} \\ \mathrm{D} \end{gathered}$ |
|  | ${ }^{62}{ }^{R}$ | $\mathrm{C}^{63} \mathrm{H}^{\mathrm{H}}$ | ${ }^{64}{ }^{c}$ |  | ${ }^{65} S^{D}$ | $\begin{gathered} { }^{66} \mathrm{~T} \\ \hline \end{gathered}$ | ${ }^{67} \mathrm{~A}^{\mathrm{N}}$ | ${ }^{68}{ }^{6}$ | $\begin{gathered} 69{ }^{6} \\ \hline \end{gathered}$ | ${ }^{70} \mathrm{~A}^{0}$ | ${ }^{71} \mathrm{R}^{\mathrm{L}}$ | $\begin{gathered} 72 \quad 1 \\ D \end{gathered}$ |  | $\begin{gathered} 73 \mathrm{~F} \\ \mathrm{I} \end{gathered}$ |
| ${ }^{74} S^{M}$ |  | ${ }^{75} \mathrm{~S}^{0}$ | $\begin{gathered} 76 \mathrm{~S} \\ \mathrm{O} \end{gathered}$ |  | $\begin{gathered} 77 \\ \mathrm{H}^{1} \end{gathered}$ | $\begin{gathered} 78 \mathrm{~K} \\ \mathrm{I} \end{gathered}$ | ${ }^{79} \mathrm{G}^{\mathrm{F}}$ | ${ }^{80} \mathrm{H}^{\mathrm{H}}$ |  | ${ }^{81} \mathrm{~T}^{\mathrm{G}}$ | ${ }^{82} \mathrm{H}$ | ${ }^{83} \mathrm{~A}^{0}$ | $\begin{gathered} 84 \\ \\ \hline \end{gathered}$ |  |
| ${ }^{85} \mathrm{~N}$ | $\begin{gathered} 86 \mathrm{~F} \\ \mathrm{O} \end{gathered}$ |  | ${ }^{87} C^{c}$ | $\mathrm{CO}^{88}$ | $\begin{gathered} 89 \mathrm{R} \\ L \end{gathered}$ | ${ }^{90} \mathrm{E}$ | ${ }^{91}{ }^{0}$ | ${ }^{92} \mathrm{~A}^{\mathrm{R}}$ | $G^{93}$ | ${ }^{94} U^{R}$ | ${ }^{95} E^{Q}$ |  | ${ }^{96} \mathrm{O}^{\prime}$ | ${ }^{97} \mathrm{R}^{\mathrm{B}}$ |
|  | $\mathrm{C}^{98} \mathrm{~N}$ | $\begin{gathered} 99 \mathrm{~S} \\ \mathrm{I} \end{gathered}$ | $\begin{gathered} 100 \mathrm{Q} \\ \mathrm{~V} \end{gathered}$ | $\begin{gathered} 101 \mathrm{C} \\ \mathrm{~A} \end{gathered}$ | $\begin{gathered} 102 \mathrm{I} \\ \mathrm{~L} \end{gathered}$ |  | ${ }^{103 \mathrm{E}} \mathrm{C}$ | $\begin{gathered} 104 \mathrm{R} \\ \mathrm{~A} \end{gathered}$ | ${ }^{105 \mathrm{~S}} \mathrm{~N}$ |  | $\begin{gathered} 106 \mathrm{~L} \\ \mathrm{E} \end{gathered}$ | $\begin{gathered} 107 \mathrm{~K} \\ \mathrm{~V} \end{gathered}$ | $\begin{gathered} 108 \mathrm{D} \\ \mathrm{E} \end{gathered}$ | $\begin{gathered} 109 Q \\ R \end{gathered}$ |
|  | $\begin{gathered} 110 \mathrm{~A} \\ \mathrm{~W} \end{gathered}$ | $\begin{gathered} 111 \mathrm{~L} \\ \mid \end{gathered}$ | ${ }_{c}^{112 \mathrm{~S}} \mathrm{~N}$ |  | $\begin{gathered} 113 \mathrm{E} \\ \mathrm{~A} \end{gathered}$ |  | $\begin{array}{\|c\|} \hline 114 \mathrm{R} \\ \mathrm{R} \end{array}$ | $\begin{gathered} 115 \mathrm{M} \\ \mathrm{E} \end{gathered}$ | $\begin{gathered} 116 \mathrm{~B} \\ \mathrm{P} \end{gathered}$ | $U_{U}^{117}$ | $\begin{gathered} 118 \text { L } \\ \mathrm{T} \end{gathered}$ | $\begin{gathered} 1191 \\ \text { A } \end{gathered}$ | $\begin{gathered} 120 \mathrm{D} \\ \mathrm{~T} \end{gathered}$ | $\begin{gathered} 121 \mathrm{~K} \\ \text { I } \end{gathered}$ |
| $\begin{gathered} 122 \mathrm{~B} \\ \mathrm{O} \end{gathered}$ | $\stackrel{123 \mathrm{~L}}{\mathrm{~N}}$ |  | $\begin{gathered} 124 \mathrm{~B} \\ \mathrm{H} \end{gathered}$ | $\begin{gathered} 125 \mathrm{~F} \\ \mathrm{E} \end{gathered}$ |  | $\begin{gathered} 126 \mathrm{~K} \\ \mathrm{D} \end{gathered}$ | $\begin{gathered} 1270 \\ \mathrm{O} \end{gathered}$ | $\begin{gathered} 128 \mathrm{~L} \\ \mathrm{E} \end{gathered}$ | ${ }^{1290}$ |  | $\begin{gathered} 130 \mathrm{R} \\ \mathrm{~N} \end{gathered}$ | $\begin{gathered} 131 \mathrm{H} \\ \mathrm{O} \end{gathered}$ | $\begin{gathered} 132 \mathrm{~L} \\ \mathrm{~T} \end{gathered}$ |  |
| $\begin{gathered} 133 \mathrm{E} \\ \mathrm{D} \end{gathered}$ | $\begin{gathered} 134 \mathrm{~B} \\ E \end{gathered}$ | ${ }_{c}^{135 \mathrm{D}}$ | $\begin{gathered} 136 \mathrm{G} \\ \mathrm{E} \end{gathered}$ | $\begin{gathered} 1371 \\ R \end{gathered}$ | $\begin{gathered} 138 \mathrm{~J} \\ \mathrm{~V} \end{gathered}$ | $\stackrel{139 \mathrm{~J}}{\mathrm{E}}$ |  |  |  |  |  |  |  |  |

## QUOTATION:

"How happy the lot of the mathematician. He is judged solely by his peers, and the standard is so high that no colleague or rival can ever win a reputation he does not deserve."

## AUTHOR/SOURCE:

W. H. Auden - The Dyer's Hand
"The Dyer's Hand and other essays" is a prose book by W. H. Auden, published in 1962 in the US. The book contains a selection of essays, reviews, and collections of aphorisms and notes written by Auden from the early 1950s to 1962. Many items were not previously published, but others appear in revised forms. Many of the essays are revised versions of Auden's lectures as Professor of Poetry at the University of Oxford from 1956 to 1961, including his inaugural lecture,
"Making, Knowing and Judging".
Wystan Hugh Auden (21 February 1907-29 September 1973) was an English-American poet. Auden's poetry was noted for its stylistic and technical achievement, its engagement with politics, morals, love, and religion, and its variety in tone, form and content.

WORD LIST - ANSWERS
A) $\frac{W}{110} \frac{\mathrm{I}}{30} \frac{\mathrm{D}}{42} \quad \frac{\mathrm{~T}}{66} \quad \frac{\mathrm{H}}{10}$
B) $\begin{array}{ccccccccc}\frac{H}{124} & \frac{Y}{48} & \frac{P}{116} & \frac{E}{134} & \frac{R}{97} & \frac{B}{49} & \frac{O}{122} & \frac{L}{47} & \frac{A}{5} \\ \text { Two-part conic section }\end{array}$
C) $\begin{array}{cccc}\frac{\mathrm{A}}{101} & \frac{\mathrm{C}}{87} & \frac{\mathrm{E}}{64} & \\ \text { They can represent values of } 1 \text { or } 11\end{array}$

E) $\begin{array}{lllllll}\frac{D}{133} & \frac{E}{41} & \frac{C}{103} & \frac{1}{28} & \frac{M}{20} & \frac{A}{113} & \frac{L}{90} \\ \text { The point of our number system }\end{array}$

G) \(\frac{\mathrm{N}}{\begin{array}{c}32 <br>

Man of gravity; inventor of Calculus\end{array}} \frac{\mathrm{E}}{136} \frac{\mathrm{~W}}{3} \quad \frac{T}{81} \quad \frac{O}{13} \quad\)| N |
| :---: |


$\begin{array}{llllllllll}\frac{\mathrm{H}}{77} & \frac{\mathrm{O}}{96} & \frac{\mathrm{~L}}{102} & \frac{O}{15} & \frac{\mathrm{H}}{1} & \frac{\mathrm{E}}{34} & \frac{\mathrm{D}}{72} & \frac{\mathrm{R}}{137} & \frac{\mathrm{~A}}{119} & \frac{\mathrm{~L}}{45} \\ \text { Having all the faces required by complete symmetry }\end{array}$
J) $\frac{\mathrm{E}}{139} \quad \frac{\mathrm{~V}}{138} \quad \frac{\mathrm{E}}{56} \frac{\mathrm{~N}}{85}$
K) $\begin{aligned} & \frac{D}{126} \\ & \begin{array}{l}\text { Prerequisite to conquer }\end{array} \\ & \\ & \end{aligned}$
L) $\frac{\mathrm{Y}}{\frac{8}{\text { Vertical axis meeting point [hyph] }} \frac{\mathrm{I}}{111} \frac{\mathrm{~N}}{123}} \frac{\mathrm{~T}}{118} \quad \frac{\mathrm{E}}{106} \quad \frac{\mathrm{R}}{71} \quad \frac{\mathrm{C}}{29} \quad \frac{\mathrm{E}}{128} \quad \frac{\mathrm{P}}{6} \quad \frac{\mathrm{~T}}{132}$
M) $\frac{E}{\frac{S}{19}} \frac{S}{43} \frac{S}{53} \quad \frac{E}{115} \quad \frac{S}{74}$


P) $\frac{\mathrm{H}}{\begin{array}{l}23 \\ \text { Educational math games site }\end{array} \frac{0}{2} \quad \frac{0}{64} \quad \frac{\mathrm{D}}{21}}$
Q) $\frac{\mathrm{A}}{\begin{array}{l}31 \\ \text { Outliers are far from this }\end{array}} \frac{\mathrm{V}}{100} \frac{\mathrm{E}}{95} \quad \frac{\mathrm{R}}{109} \quad \frac{\mathrm{~A}}{26} \quad \frac{\mathrm{G}}{40} \quad \frac{\mathrm{E}}{55}$
R) $\begin{array}{lllllll}\frac{\mathrm{N}}{130} & \frac{\mathrm{~A}}{92} & \frac{\mathrm{~T}}{62} & \frac{\mathrm{U}}{94} & \frac{\mathrm{R}}{114} & \frac{\mathrm{~A}}{104} & \frac{\mathrm{~L}}{89} \\ \text { Number type used by toddlers }\end{array}$


