

| A  |   |
|----|---|
| 1  | ID  |
| 2  | 1111  |
| 3  | 1110  |
| 4  | 1101  |
| 5  | 1100  |
| 6  | 1011  |
| 7  | 1010  |
| 8  | 1001  |
| 9  | 1000  |
| 10 | 0111  |
| 11 | 0110  |
| 12 | 0101  |
| 13 | 0100  |
| 14 | 0011  |
| 15 | 0010  |
| 16 | 0001  |
| 17 | 0000  |
| 18 | complete m (PR)                             |
| 19 | necessary n (PR)                            |
| 20 | complete m (PQ) [= n (QP)]                  |
| 21 | necessary n (PQ) [= m (QP)]                 |
| 22 | complete m (QR) [= n (RQ)]                  |
| 23 | necessary n (QR) [= m (RQ)]                 |
| 24 | relative partial p (PQR)                    |
| 25 | relative contingent q (PQR)                 |
| 26 | relative partial p (PSR)                    |
| 27 | relative contingent q (PSR)                 |
| 28 | relative partial p (PSQ)                    |
| 29 | relative contingent q (PSQ)                 |
| 30 | relative partial p (QSP)                    |
| 31 | relative contingent q (QSP)                 |
| 32 | relative partial p (QSR)                    |
| 33 | relative contingent q (QSR)                 |
| 34 | relative partial p (RSQ)                    |
| 35 | relative contingent q (RSQ)                 |
| 36 | absolute partial p (PR)                     |
| 37 | absolute contingent q (PR)                  |
| 38 | absolute partial p (PQ) [= q (QP)]          |
| 39 | absolute contingent q (PQ) [= p (QP)]       |
| 40 | absolute partial p (QR) [= q (RQ)]          |
| 41 | absolute contingent q (QR) [= p (RQ)]       |
| 42 | NOT complete ~m (PR)                        |
| 43 | NOT necessary ~n (PR)                       |
| 44 | NOT complete ~m (PQ) [= ~n (QP)]            |
| 45 | NOT necessary ~n (PQ) [= ~m (QP)]           |
| 46 | NOT complete ~m (QR) [= ~n (RQ)]            |
| 47 | NOT necessary ~n (QR) [= ~m (RQ)]           |
| 48 | NOT relative partial ~p (PQR)               |
| 49 | NOT relative contingent ~q (PQR)            |
| 50 | NOT relative partial ~p (PSR)               |
| 51 | NOT relative contingent ~q (PSR)            |
| 52 | NOT relative partial ~p (PSQ)               |
| 53 | NOT relative contingent ~q (PSQ)            |
| 54 | NOT relative partial ~p (QSP)               |
| 55 | NOT relative contingent ~q (QSP)            |
| 56 | NOT relative partial ~p (QSR)               |
| 57 | NOT relative contingent ~q (QSR)            |
| 58 | NOT relative partial ~p (RSQ)               |
| 59 | NOT relative contingent ~q (RSQ)            |
| 60 | NOT absolute partial ~p (PR)                |
| 61 | NOT absolute contingent q (PR)              |
| 62 | NOT absolute partial ~p (PQ) [= ~q (QP)]    |
| 63 | NOT absolute contingent ~q (PQ) [= ~p (QP)] |
| 64 | NOT absolute partial ~p (QR) [= ~q (RQ)]    |
| 65 | NOT absolute contingent ~q (QR) [= ~p (RQ)] |

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| 66  | mn (PR)                            |
| 67  | mn (PQ = QP)                       |
| 68  | mn (QR = RQ)                       |
| 69  | relative mq (PQR)                  |
| 70  | relative np (PQR)                  |
| 71  | relative pq (PQR)                  |
| 72  | relative mq (PSR)                  |
| 73  | relative np (PSR)                  |
| 74  | relative pq (PSR)                  |
| 75  | relative mq (PSQ)                  |
| 76  | relative np (PSQ)                  |
| 77  | relative pq (PSQ)                  |
| 78  | relative mq (QSP)                  |
| 79  | relative np (QSP)                  |
| 80  | relative pq (QSP)                  |
| 81  | relative mq (QSR)                  |
| 82  | relative np (QSR)                  |
| 83  | relative pq (QSR)                  |
| 84  | relative mq (RSQ)                  |
| 85  | relative np (RSQ)                  |
| 86  | relative pq (RSQ)                  |
| 87  | absolute mq (PR)                   |
| 88  | absolute np (PR)                   |
| 89  | absolute pq (PR)                   |
| 90  | absolute mq (PQ) = np (QP)         |
| 91  | absolute np (PQ) = mq (QP)         |
| 92  | absolute pq (PQ) = pq (QP)         |
| 93  | absolute mq (QR) = np (RQ)         |
| 94  | absolute np (QR) = mq (RQ)         |
| 95  | absolute pq (QR) = pq (RQ)         |
| 96  | NOT mn (PR)                        |
| 97  | NOT mn (PQ = QP)                   |
| 98  | NOT mn (QR = RQ)                   |
| 99  | relative NOT mq (PQR)              |
| 100 | relative NOT np (PQR)              |
| 101 | relative NOT pq (PQR)              |
| 102 | relative NOT mq (PSR)              |
| 103 | relative NOT np (PSR)              |
| 104 | relative NOT pq (PSR)              |
| 105 | relative NOT mq (PSQ)              |
| 106 | relative NOT np (PSQ)              |
| 107 | relative NOT pq (PSQ)              |
| 108 | relative NOT mq (QSP)              |
| 109 | relative NOT np (QSP)              |
| 110 | relative NOT pq (QSP)              |
| 111 | relative NOT mq (QSR)              |
| 112 | relative NOT np (QSR)              |
| 113 | relative NOT pq (QSR)              |
| 114 | relative NOT mq (RSQ)              |
| 115 | relative NOT np (RSQ)              |
| 116 | relative NOT pq (RSQ)              |
| 117 | absolute NOT mq (PR)               |
| 118 | absolute NOT np (PR)               |
| 119 | absolute NOT pq (PR)               |
| 120 | absolute NOT mq (PQ) = NOT np (QP) |
| 121 | absolute NOT np (PQ) = NOT mq (QP) |
| 122 | absolute NOT pq (PQ) = NOT pq (QP) |
| 123 | absolute NOT mq (QR) = NOT np (RQ) |
| 124 | absolute NOT np (QR) = NOT mq (RQ) |
| 125 | absolute NOT pq (QR) = NOT pq (RQ) |

|     | A  |
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| 126 | relative m-alone = m + notn + notq (PQR)     |
| 127 | relative n-alone = n + notm + notp (PQR)     |
| 128 | relative p-alone = p + notn + notq (PQR)     |
| 129 | relative q-alone = q + notm + notp (PQR)     |
| 130 | relative m-alone = m + notn + notq (PSR)     |
| 131 | relative n-alone = n + notm + notp (PSR)     |
| 132 | relative p-alone = p + notn + notq (PSR)     |
| 133 | relative q-alone = q + notm + notp (PSR)     |
| 134 | relative m-alone = m + notn + notq (PSQ)     |
| 135 | relative n-alone = n + notm + notp (PSQ)     |
| 136 | relative p-alone = p + notn + notq (PSQ)     |
| 137 | relative q-alone = q + notm + notp (PSQ)     |
| 138 | relative m-alone = m + notn + notq (QSP)     |
| 139 | relative n-alone = n + notm + notp (QSP)     |
| 140 | relative p-alone = p + notn + notq (QSP)     |
| 141 | relative q-alone = q + notm + notp (QSP)     |
| 142 | relative m-alone = m + notn + notq (QSR)     |
| 143 | relative n-alone = n + notm + notp (QSR)     |
| 144 | relative p-alone = p + notn + notq (QSR)     |
| 145 | relative q-alone = q + notm + notp (QSR)     |
| 146 | relative m-alone = m + notn + notq (RSQ)     |
| 147 | relative n-alone = n + notm + notp (RSQ)     |
| 148 | relative p-alone = p + notn + notq (RSQ)     |
| 149 | relative q-alone = q + notm + notp (RSQ)     |
| 150 | relative NOT m-alone = m + notn + notq (PQR) |
| 151 | relative NOT n-alone = n + notm + notp (PQR) |
| 152 | relative NOT p-alone = p + notn + notq (PQR) |
| 153 | relative NOT q-alone = q + notm + notp (PQR) |
| 154 | relative NOT m-alone = m + notn + notq (PSR) |
| 155 | relative NOT n-alone = n + notm + notp (PSR) |
| 156 | relative NOT p-alone = p + notn + notq (PSR) |
| 157 | relative NOT q-alone = q + notm + notp (PSR) |
| 158 | relative NOT m-alone = m + notn + notq (PSQ) |
| 159 | relative NOT n-alone = n + notm + notp (PSQ) |
| 160 | relative NOT p-alone = p + notn + notq (PSQ) |
| 161 | relative NOT q-alone = q + notm + notp (PSQ) |
| 162 | relative NOT m-alone = m + notn + notq (QSP) |
| 163 | relative NOT n-alone = n + notm + notp (QSP) |
| 164 | relative NOT p-alone = p + notn + notq (QSP) |
| 165 | relative NOT q-alone = q + notm + notp (QSP) |
| 166 | relative NOT m-alone = m + notn + notq (QSR) |
| 167 | relative NOT n-alone = n + notm + notp (QSR) |
| 168 | relative NOT p-alone = p + notn + notq (QSR) |
| 169 | relative NOT q-alone = q + notm + notp (QSR) |
| 170 | relative NOT m-alone = m + notn + notq (RSQ) |
| 171 | relative NOT n-alone = n + notm + notp (RSQ) |
| 172 | relative NOT p-alone = p + notn + notq (RSQ) |
| 173 | relative NOT q-alone = q + notm + notp (RSQ) |