

| | 000 | 001 | 011 | 010 | 110 | 111 | 101 | 100 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 00 | 0 | 4 | 12 | 8 | 24 | 28 | 20 | 16 |
| 01 | 1 | 5 | 13 | 9 | 25 | 29 | 21 | 17 |
| 11 | 3 | 7 | 15 | 11 | 27 | 31 | 23 | 19 |
| 10 | 2 | 6 | 14 | 10 | 26 | 30 | 22 | 18 |

| | 000 | 001 | 011 | 010 | 110 | 111 | 101 | 100 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 00 | 0 | 4 | 12 | 8 | 24 | 28 | 20 | 16 |
| 01 | 1 | 5 | 13 | 9 | 25 | 29 | 21 | 17 |
| 11 | 3 | 7 | 15 | 11 | 27 | 31 | 23 | 19 |
| 10 | 2 | 6 | 14 | 10 | 26 | 30 | 22 | 18 |

| | 000 | 001 | 011 | 010 | 110 | 111 | 101 | 100 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 00 | 0 | 4 | 12 | 8 | 24 | 28 | 20 | 16 |
| 01 | 1 | 5 | 13 | 9 | 25 | 29 | 21 | 17 |
| 11 | 3 | 7 | 15 | 11 | 27 | 31 | 23 | 19 |
| 10 | 2 | 6 | 14 | 10 | 26 | 30 | 22 | 18 |

| | 000 | 001 | 011 | 010 | 110 | 111 | 101 | 100 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 00 | 0 | 4 | 12 | 8 | 24 | 28 | 20 | 16 |
| 01 | 1 | 5 | 13 | 9 | 25 | 29 | 21 | 17 |
| 11 | 3 | 7 | 15 | 11 | 27 | 31 | 23 | 19 |
| 10 | 2 | 6 | 14 | 10 | 26 | 30 | 22 | 18 |

| | 000 | 001 | 011 | 010 | 110 | 111 | 101 | 100 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 00 | 0 | 4 | 12 | 8 | 24 | 28 | 20 | 16 |
| 01 | 1 | 5 | 13 | 9 | 25 | 29 | 21 | 17 |
| 11 | 3 | 7 | 15 | 11 | 27 | 31 | 23 | 19 |
| 10 | 2 | 6 | 14 | 10 | 26 | 30 | 22 | 18 |

| | 000 | 001 | 011 | 010 | 110 | 111 | 101 | 100 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 00 | 0 | 4 | 12 | 8 | 24 | 28 | 20 | 16 |
| 01 | 1 | 5 | 13 | 9 | 25 | 29 | 21 | 17 |
| 11 | 3 | 7 | 15 | 11 | 27 | 31 | 23 | 19 |
| 10 | 2 | 6 | 14 | 10 | 26 | 30 | 22 | 18 |

| | 00 | 01 | 11 | 10 | 10 | 11 | 01 | 00 |
|----|----|----|----|----|----|----|----|----|
| 00 | 0 | 4 | 12 | 8 | 24 | 28 | 20 | 16 |
| 01 | 1 | 5 | 13 | 9 | 25 | 29 | 21 | 17 |
| 11 | 3 | 7 | 15 | 11 | 27 | 31 | 23 | 19 |
| 10 | 2 | 6 | 14 | 10 | 26 | 30 | 22 | 18 |
| 00 | 32 | 36 | 44 | 40 | 56 | 60 | 52 | 48 |
| 01 | 33 | 37 | 45 | 41 | 57 | 61 | 53 | 49 |
| 11 | 35 | 39 | 47 | 43 | 59 | 63 | 55 | 51 |
| 10 | 34 | 38 | 46 | 42 | 58 | 62 | 54 | 50 |

| | 00 | 01 | 11 | 10 | 10 | 11 | 01 | 00 |
|----|----|----|----|----|----|----|----|----|
| 00 | 0 | 4 | 12 | 8 | 24 | 28 | 20 | 16 |
| 01 | 1 | 5 | 13 | 9 | 25 | 29 | 21 | 17 |
| 11 | 3 | 7 | 15 | 11 | 27 | 31 | 23 | 19 |
| 10 | 2 | 6 | 14 | 10 | 26 | 30 | 22 | 18 |
| 10 | 34 | 38 | 46 | 41 | 58 | 62 | 54 | 50 |
| 11 | 35 | 39 | 47 | 42 | 59 | 63 | 55 | 51 |
| 01 | 33 | 37 | 45 | 40 | 57 | 61 | 53 | 49 |
| 00 | 32 | 36 | 44 | 39 | 56 | 60 | 52 | 48 |

| | 00 | 01 | 11 | 10 |
|----|----|----|----|----|
| 00 | 0 | 4 | 12 | 8 |
| 01 | 1 | 5 | 13 | 9 |
| 11 | 3 | 7 | 15 | 11 |
| 10 | 2 | 6 | 14 | 10 |

| | 00 | 01 | 11 | 10 |
|----|----|----|----|----|
| 00 | 0 | 4 | 12 | 8 |
| 01 | 1 | 5 | 13 | 9 |
| 11 | 3 | 7 | 15 | 11 |
| 10 | 2 | 6 | 14 | 10 |

| | 00 | 01 | 11 | 10 |
|----|----|----|----|----|
| 00 | 0 | 4 | 12 | 8 |
| 01 | 1 | 5 | 13 | 9 |
| 11 | 3 | 7 | 15 | 11 |
| 10 | 2 | 6 | 14 | 10 |