**The mystery calculator**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Card 1

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 3 | 5 | 7 | 9 | 11 | 13 | 15 |
| 17 | 19 | 21 | 23 | 25 | 27 | 29 | 31 |
| 33 | 35 | 37 | 39 | 41 | 43 | 45 | 47 |
| 49 | 51 | 53 | 55 | 57 | 59 | 61 | 63 |

 | Card 2

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | 3 | 6 | 7 | 10 | 11 | 14 | 15 |
| 18 | 19 | 22 | 23 | 26 | 27 | 30 | 31 |
| 34 | 35 | 38 | 39 | 42 | 43 | 46 | 47 |
| 50 | 51 | 54 | 55 | 58 | 59 | 62 | 63 |

 |
| Card 3

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | 5 | 6 | 7 | 12 | 13 | 14 | 15 |
| 20 | 21 | 22 | 23 | 28 | 29 | 30 | 31 |
| 36 | 37 | 38 | 39 | 44 | 45 | 46 | 47 |
| 52 | 53 | 54 | 55 | 60 | 61 | 62 | 63 |

 | Card 4

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 |

 |
| Card 5

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |
| 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 |

 | Card 6

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |
| 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 |

 |

Ask someone to select one number from any one card. (e.g. 27)

Ask them to tell you what cards the number appears on. (cards 1, 2, 4 and 5)

To find out their number, add together the numbers at the top left of each card. (number 1, 2, 8 and 16 – which totals 27!)