

解答は最後のページです。

①

| (1)  | (2)  | (3)  | (4)  | (5)  |
|------|------|------|------|------|
| 28   | 16   | 17   | 7    | 8    |
| 6    | 35   | 84   | -3   | 25   |
| -7   | -4   | -8   | 44   | -6   |
| 8    | 8    | 9    | 30   | 4    |
| 9    | -6   | -3   | -40  | 3    |
| -16  | 3    | 4    | -3   | -17  |
|      |      |      |      |      |
| (6)  | (7)  | (8)  | (9)  | (10) |
| 26   | 56   | 61   | 4    | 7    |
| 7    | -8   | 39   | 53   | 5    |
| -8   | 4    | -4   | -36  | 12   |
| 12   | -3   | 5    | 4    | -16  |
| 6    | 1    | -3   | 2    | 5    |
| -8   | -6   | 4    | -3   | -6   |
|      |      |      |      |      |
| (11) | (12) | (13) | (14) | (15) |
| 27   | 56   | 106  | 4    | 24   |
| 6    | -8   | -8   | 3    | 17   |
| -7   | 6    | 3    | 50   | 3    |
| 60   | -7   | -6   | -30  | -6   |
| 8    | 5    | 7    | -3   | 4    |
| -6   | -4   | -4   | 4    | -7   |
|      |      |      |      |      |

②

| (1)  | (2)  | (3)  | (4)  | (5)  |
|------|------|------|------|------|
| 82   | 35   | 92   | 65   | 32   |
| 19   | -2   | 5    | 70   | 19   |
| -4   | 41   | -72  | -80  | -4   |
| 8    | 3    | -6   | 6    | 8    |
| -7   | -5   | 3    | 3    | -6   |
| 2    | 4    | -4   | -6   | 3    |
|      |      |      |      |      |
| (6)  | (7)  | (8)  | (9)  | (10) |
| 103  | 42   | 9    | 43   | 55   |
| -5   | 3    | 7    | -6   | -7   |
| 4    | -24  | 64   | 7    | 4    |
| -3   | 2    | -13  | -28  | -8   |
| 2    | 3    | 8    | 6    | 7    |
| -9   | -2   | -7   | 9    | -4   |
|      |      |      |      |      |
| (11) | (12) | (13) | (14) | (15) |
| 103  | 46   | 29   | 14   | 57   |
| -9   | -2   | 3    | -6   | -9   |
| 8    | 53   | 8    | 66   | 6    |
| -4   | -4   | -24  | -8   | -7   |
| 5    | 2    | 5    | 7    | 4    |
| -9   | -1   | -7   | -6   | -6   |
|      |      |      |      |      |

大垣珠算塾

③

| (1)  | (2)  | (3)  | (4)  | (5)  |
|------|------|------|------|------|
| 47   | 103  | 3    | 28   | 34   |
| 4    | -5   | 3    | 4    | -7   |
| -8   | 4    | 52   | -3   | 56   |
| 9    | -3   | -36  | 2    | -8   |
| -4   | 2    | 4    | 9    | 7    |
| 3    | -8   | -3   | -26  | -6   |
|      |      |      |      |      |
| (6)  | (7)  | (8)  | (9)  | (10) |
| 52   | 36   | 4    | 6    | 8    |
| -5   | 69   | 32   | 29   | 16   |
| 4    | -8   | -3   | -8   | -7   |
| -7   | 4    | 20   | 4    | 7    |
| 8    | -5   | 4    | -22  | -18  |
| -4   | 9    | -3   | 7    | 8    |
|      |      |      |      |      |
| (11) | (12) | (13) | (14) | (15) |
| 28   | 34   | 4    | 51   | 23   |
| 26   | 68   | 3    | 29   | -8   |
| -9   | -5   | 50   | -6   | 7    |
| 7    | 9    | -22  | 8    | 60   |
| -6   | -8   | -3   | -4   | -6   |
| 8    | 7    | 4    | 3    | 8    |
|      |      |      |      |      |

大垣珠算塾

④

| (1)  | (2)  | (3)  | (4)  | (5)  |
|------|------|------|------|------|
| 78   | 3    | 42   | 56   | 53   |
| 23   | 43   | -3   | 70   | -4   |
| -2   | -2   | 6    | -60  | 2    |
| 4    | 25   | -27  | 1    | -7   |
| -5   | -7   | 4    | 7    | 8    |
| 3    | 4    | -5   | -6   | -6   |
|      |      |      |      |      |
| (6)  | (7)  | (8)  | (9)  | (10) |
| 102  | 23   | 4    | 27   | 34   |
| -4   | 3    | 37   | 7    | 18   |
| 7    | 40   | -4   | -8   | -5   |
| -6   | -2   | 3    | 16   | 3    |
| 3    | 3    | -6   | -7   | -6   |
| -5   | -4   | 58   | 9    | 7    |
|      |      |      |      |      |
| (11) | (12) | (13) | (14) | (15) |
| 106  | 7    | 16   | 62   | 57   |
| -9   | -4   | 5    | 70   | -9   |
| 8    | 33   | 9    | 6    | 5    |
| -6   | 21   | -4   | -80  | -4   |
| 8    | -5   | 55   | -3   | 7    |
| -9   | 3    | -3   | 8    | -8   |

⑤

| (1)  | (2)  | (3)  | (4)  | (5)  |
|------|------|------|------|------|
| 66   | 2    | 8    | 33   | 101  |
| -31  | 69   | 26   | 18   | -2   |
| -2   | -13  | -9   | -4   | 4    |
| 5    | 4    | -8   | 8    | -9   |
| -4   | 18   | 24   | -6   | 7    |
| 3    | -6   | -6   | 3    | -3   |
|      |      |      |      |      |
| (6)  | (7)  | (8)  | (9)  | (10) |
| 36   | 9    | 8    | 55   | 58   |
| -3   | 17   | 26   | -8   | 47   |
| 25   | -8   | -17  | 5    | -6   |
| -40  | 4    | 4    | -4   | 3    |
| -4   | -14  | -6   | 7    | -7   |
| 5    | 3    | 8    | -5   | 5    |
|      |      |      |      |      |
| (11) | (12) | (13) | (14) | (15) |
| 2    | 55   | 36   | 33   | 64   |
| 34   | 15   | 57   | 18   | 39   |
| -2   | -6   | -8   | -7   | -5   |
| 35   | 7    | 5    | 6    | 5    |
| -27  | -3   | -7   | -7   | -4   |
| 3    | 8    | 9    | 9    | 8    |
|      |      |      |      |      |

⑥

| (1)  | (2)  | (3)  | (4)  | (5)  |
|------|------|------|------|------|
| 7    | 14   | 56   | 61   | 4    |
| 55   | -7   | -8   | 39   | 53   |
| 8    | 6    | 4    | -4   | -36  |
| -16  | 25   | -3   | 5    | 4    |
| 7    | 26   | 1    | -3   | 2    |
| -4   | -8   | -6   | 4    | -3   |
|      |      |      |      |      |
| (6)  | (7)  | (8)  | (9)  | (10) |
| 8    | 38   | 16   | 17   | 7    |
| 27   | 6    | 35   | 84   | -3   |
| -6   | -27  | -4   | -8   | 44   |
| 4    | 8    | 8    | 9    | 30   |
| 8    | 9    | -6   | -3   | -6   |
| -17  | -6   | 3    | 4    | 3    |
|      |      |      |      |      |
| (11) | (12) | (13) | (14) | (15) |
| 76   | 21   | 55   | 106  | 67   |
| -8   | -6   | -9   | -8   | -4   |
| 4    | 9    | 7    | 6    | -20  |
| -5   | -8   | -8   | -7   | 3    |
| 23   | 7    | 6    | 4    | 2    |
| -6   | 65   | -5   | -6   | -4   |
|      |      |      |      |      |

大垣珠算塾

⑦

| (1)  | (2)  | (3)  | (4)  | (5)  |
|------|------|------|------|------|
| 42   | 9    | 43   | 55   | 103  |
| 3    | 7    | -6   | -7   | -5   |
| -24  | 64   | 7    | 4    | 4    |
| 2    | -3   | -28  | -8   | -3   |
| 3    | 8    | 6    | 7    | 2    |
| -22  | -57  | 9    | -4   | -9   |
|      |      |      |      |      |
| (6)  | (7)  | (8)  | (9)  | (10) |
| 55   | 32   | 64   | 32   | 82   |
| -2   | 8    | -7   | 19   | 19   |
| 4    | -16  | 80   | -4   | -4   |
| -3   | 9    | 6    | 8    | 8    |
| -23  | -4   | -2   | -6   | -7   |
| 4    | 7    | -6   | 3    | 2    |
|      |      |      |      |      |
| (11) | (12) | (13) | (14) | (15) |
| 76   | 15   | 38   | 37   | 24   |
| -3   | 55   | 6    | 19   | 79   |
| 14   | -4   | -7   | -8   | -8   |
| -3   | -7   | 56   | 9    | 6    |
| 2    | 2    | -8   | -8   | -3   |
| -3   | 9    | 9    | 4    | 4    |
|      |      |      |      |      |

# 解答

- ① (1) 28 (2) 52 (3) 103 (4) 35 (5) 17 (6) 35 (7) 44 (8) 102  
(9) 24 (10) 7 (11) 88 (12) 48 (13) 98 (14) 28 (15) 35
- ② (1) 100 (2) 76 (3) 18 (4) 58 (5) 52 (6) 92 (7) 24 (8) 68  
(9) 31 (10) 47 (11) 94 (12) 94 (13) 14 (14) 67 (15) 45
- ③ (1) 51 (2) 93 (3) 23 (4) 14 (5) 76 (6) 48 (7) 105 (8) 54  
(9) 16 (10) 14 (11) 54 (12) 105 (13) 36 (14) 81 (15) 84
- ④ (1) 101 (2) 66 (3) 17 (4) 68 (5) 46 (6) 97 (7) 63 (8) 92  
(9) 44 (10) 51 (11) 98 (12) 55 (13) 78 (14) 63 (15) 48
- ⑤ (1) 37 (2) 74 (3) 35 (4) 52 (5) 98 (6) 19 (7) 11 (8) 23  
(9) 50 (10) 100 (11) 45 (12) 76 (13) 92 (14) 52 (15) 107
- ⑥ (1) 58 (2) 56 (3) 44 (4) 102 (5) 24 (6) 24 (7) 28 (8) 52  
(9) 103 (10) 75 (11) 84 (12) 89 (13) 46 (14) 95 (15) 44
- ⑦ (1) 4 (2) 28 (3) 31 (4) 47 (5) 92 (6) 35 (7) 36 (8) 135  
(9) 52 (10) 100 (11) 83 (12) 70 (13) 94 (14) 53 (15) 97