

2024 『優數盃』 國際數學邀請賽

2024 “Elite Maths Challenge Cup” International Mathematics Competition

青少年精英組 Youth Elite Group

限時：1分鐘
Time Limit: 1 min

滿分400分
Full Mark:400

| No | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----|----|-----|----|-----|----|----|-----|----|-----|----|
| 1 | 27 | 93 | 56 | 80 | 62 | 94 | 52 | 31 | 60 | 54 |
| 2 | 85 | -26 | 70 | -51 | 95 | 27 | -13 | 94 | 74 | 62 |
| 3 | 43 | 87 | 38 | 79 | 18 | 83 | 90 | 26 | -25 | 38 |
| 答 | | | | | | | | | | |
| 審 | | | | | | | | | | |

| No | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|----|----|-----|----|-----|----|-----|----|-----|----|-----|
| 1 | 68 | 48 | 52 | 34 | 41 | 86 | 23 | 90 | 73 | 46 |
| 2 | 29 | 93 | 49 | -17 | 78 | 70 | 75 | 87 | 59 | 35 |
| 3 | 43 | 50 | 68 | 89 | 39 | -42 | 69 | 13 | 64 | 29 |
| 4 | 10 | -26 | 70 | 60 | 50 | 93 | 10 | 42 | 20 | 18 |
| 5 | 57 | -17 | 13 | 52 | 62 | -51 | 84 | -65 | 81 | -70 |
| 答 | | | | | | | | | | |
| 審 | | | | | | | | | | |

| No | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|----|-----|------|-----|------|-----|------|-----|------|-----|------|
| 1 | 381 | 429 | 541 | 753 | 298 | 176 | 619 | 402 | 572 | 125 |
| 2 | 597 | 305 | 692 | 908 | 160 | 309 | 538 | 971 | 689 | 807 |
| 3 | 204 | -187 | 830 | -612 | 547 | -456 | 207 | -683 | 436 | -346 |
| 答 | | | | | | | | | | |
| 審 | | | | | | | | | | |

| 乘算 | 答 | 審 |
|-----------------------|---|---|
| 31 $7,651 \times 3 =$ | | |
| 32 $6,864 \times 2 =$ | | |
| 33 $1,593 \times 6 =$ | | |
| 34 $2,324 \times 8 =$ | | |
| 35 $3,275 \times 9 =$ | | |
| 36 $21 \times 14 =$ | | |
| 37 $12 \times 44 =$ | | |
| 38 $21 \times 41 =$ | | |
| 39 $45 \times 11 =$ | | |
| 40 $31 \times 32 =$ | | |

| 除算 | 答 | 審 |
|----------------------|---|---|
| 41 $1,712 \div 2 =$ | | |
| 42 $3,496 \div 8 =$ | | |
| 43 $1,635 \div 5 =$ | | |
| 44 $7,416 \div 9 =$ | | |
| 45 $5,136 \div 6 =$ | | |
| 46 $1,850 \div 25 =$ | | |
| 47 $1,675 \div 25 =$ | | |
| 48 $4,592 \div 56 =$ | | |
| 49 $1,690 \div 26 =$ | | |
| 50 $2,072 \div 37 =$ | | |