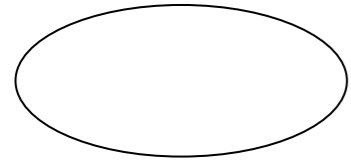


马来西亚第四届珠算心算国际联谊赛及第十届世界中国珠算心算全国比赛  
 4TH MALAYSIA ABACUS & MENTAL ARITHMETIC INTERNATIONAL COMPETITION &  
 10TH U C MAS ABACUS & MENTAL ARITHMETIC NATIONAL COMPETITION

MARKS

X 2 =

TOTAL MARKS



Category: **J** Grand A

**M. A.**  
 Addition/ Subtraction (Mental Arithmetic) - 加减心算

Date: 14 December 2003  
 Venue: UNITEN, Kajang

Time limit: 5 minutes

100 questions, Each question 2 marks

| No. | 1    | 2    | 3    | 4    | 5     | 6    | 7     | 8    | 9    | 10    | 11   | 12    | 13   | 14   | 15    | 16   | 17    | 18   | 19   | 20    | 21   | 22    | 23   | 24   | 25    |
|-----|------|------|------|------|-------|------|-------|------|------|-------|------|-------|------|------|-------|------|-------|------|------|-------|------|-------|------|------|-------|
| 1   | .65  | 2.39 | 7.28 | 8.60 | 1.52  | 5.02 | .96   | .39  | .60  | .17   | 8.36 | 6.05  | 4.08 | 9.05 | 5.19  | .37  | 3.84  | 5.04 | .93  | .46   | .51  | .79   | .85  | .64  | 4.70  |
| 2   | 3.48 | -.70 | 2.45 | 3.59 | 7.91  | .93  | 2.03  | .42  | 1.54 | 6.58  | 5.84 | .76   | 6.19 | 2.48 | .40   | 4.83 | -.21  | .82  | 2.75 | 3.91  | 7.02 | -.54  | 9.47 | 1.08 | -2.36 |
| 3   | 7.03 | 2.81 | .71  | .38  | -.47  | .64  | -.18  | 2.58 | .73  | -.26  | 1.07 | -.82  | .47  | 7.39 | -.38  | .10  | .79   | 1.61 | .20  | -.27  | 5.68 | 8.03  | .91  | .31  | .29   |
| 4   | .72  | -.64 | .93  | 2.72 | .30   | 1.71 | 9.72  | .71  | 8.19 | .90   | .91  | 4.19  | 7.23 | .71  | 1.27  | .59  | -.56  | .79  | 1.48 | 1.35  | .37  | -.18  | .26  | 9.57 | -.48  |
| 5   | 3.19 | 8.52 | 4.06 | .14  | 5.68  | .80  | -.54  | 5.06 | .28  | 5.16  | 4.20 | -.40  | .60  | 2.64 | -.65  | 4.26 | 7.03  | .35  | 3.16 | .80   | 2.49 | 4.62  | 6.43 | 3.29 | .51   |
| 6   | .62  | 5.17 | .25  | .81  | -2.60 | 6.24 | 1.43  | 1.68 | .38  | -.31  | 1.83 | 2.08  | 8.28 | .94  | .79   | 5.06 | 8.51  | 1.09 | 7.82 | .79   | .36  | -7.51 | .49  | .87  | -2.74 |
| 7   | 5.87 | -.38 | .17  | 9.56 | 5.27  | 2.08 | -.96  | .34  | 1.92 | 4.28  | .40  | -1.94 | .56  | .36  | -1.38 | .12  | -6.89 | 8.32 | .47  | 9.15  | .47  | 8.20  | 4.36 | 4.52 | 9.36  |
| 8   | .30  | 7.92 | 2.38 | .70  | -.91  | .36  | -2.05 | .29  | 7.65 | -1.76 | 7.56 | 3.72  | .47  | 6.87 | 6.24  | 3.89 | .47   | .17  | .60  | -.63  | 6.15 | -.96  | 8.09 | .63  | 6.08  |
| 9   | 4.01 | -.40 | .64  | 6.24 | .38   | .95  | .17   | 4.01 | .74  | 9.70  | .19  | -.35  | 5.39 | .25  | 7.01  | 8.47 | -.96  | 6.53 | 8.93 | 7.50  | .98  | .87   | 2.57 | 8.91 | -.51  |
| 10  | .39  | .65  | 4.96 | .39  | -.45  | 8.71 | 3.82  | 2.57 | 2.01 | -.45  | .72  | .41   | .10  | .10  | -.56  | .13  | 9.31  | .68  | .15  | -4.28 | 2.79 | 8.34  | .82  | .40  | .92   |
| Ans |      |      |      |      |       |      |       |      |      |       |      |       |      |      |       |      |       |      |      |       |      |       |      |      |       |

| No. | 26   | 27    | 28   | 29    | 30   | 31   | 32    | 33   | 34    | 35   | 36   | 37    | 38   | 39    | 40   | 41   | 42    | 43   | 44    | 45   | 46   | 47    | 48   | 49    | 50   |
|-----|------|-------|------|-------|------|------|-------|------|-------|------|------|-------|------|-------|------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1   | 8.62 | 3.90  | 9.41 | 2.41  | 8.62 | 4.57 | 6.75  | 7.62 | 6.83  | 1.53 | 1.86 | 7.51  | 5.39 | 9.64  | 2.67 | 7.87 | 8.14  | 2.84 | 8.57  | 1.68 | 2.39 | 9.42  | 9.29 | 3.58  | 6.56 |
| 2   | 3.69 | 7.96  | 6.19 | 5.17  | 8.28 | 1.46 | 7.35  | 3.26 | -3.42 | 8.35 | 2.21 | 9.87  | 2.62 | -8.41 | 7.96 | 4.39 | -1.50 | 6.29 | 1.31  | 7.47 | 8.16 | 2.82  | 4.61 | 1.74  | 4.85 |
| 3   | 6.18 | -1.58 | 9.32 | -3.45 | 2.86 | 5.28 | -4.17 | 2.39 | 7.16  | 2.57 | 4.93 | -1.31 | 7.84 | 3.89  | 9.28 | 3.75 | -4.26 | 2.73 | -7.86 | 2.38 | 4.69 | -6.39 | 9.40 | -2.85 | 6.26 |
| 4   | 3.46 | 2.17  | 8.50 | 8.91  | 6.24 | 2.37 | 9.28  | 3.95 | -5.63 | 3.25 | 8.46 | 6.17  | 4.63 | 6.97  | 4.56 | 5.37 | 3.68  | 1.35 | 5.25  | 1.14 | 5.35 | 3.84  | 8.36 | 3.72  | 7.91 |
| 5   | 6.96 | -1.42 | 7.16 | -4.74 | 5.63 | 1.29 | -7.36 | 4.58 | 9.72  | 6.18 | 6.58 | -3.21 | 8.37 | -7.25 | 3.48 | 7.93 | 6.16  | 5.93 | 8.34  | 6.76 | 6.26 | 4.70  | 7.95 | 5.24  | 2.39 |
| 6   | 1.41 | 4.27  | 6.31 | -2.65 | 8.20 | 3.91 | 8.94  | 9.15 | -1.48 | 4.72 | 9.12 | 5.65  | 6.26 | 4.19  | 6.54 | 1.89 | -5.37 | 9.40 | -9.25 | 7.32 | 8.95 | -9.28 | 6.37 | -3.64 | 5.78 |
| 7   | 3.63 | -3.14 | 5.28 | 4.58  | 7.35 | 2.30 | -5.18 | 9.48 | 8.26  | 5.63 | 4.59 | 4.72  | 3.51 | -5.24 | 5.46 | 3.92 | 7.83  | 3.67 | 6.40  | 5.95 | 9.71 | 6.92  | 5.14 | 9.86  | 4.36 |
| 8   | 6.87 | 6.59  | 2.32 | -3.89 | 9.84 | 9.58 | 3.42  | 7.14 | -2.67 | 7.46 | 7.68 | 8.91  | 9.46 | 7.37  | 8.76 | 2.52 | 9.47  | 4.93 | 9.85  | 9.48 | 3.16 | -8.83 | 2.07 | -4.35 | 3.69 |
| 9   | 8.72 | -4.10 | 2.18 | 1.48  | 6.57 | 8.63 | -5.74 | 1.36 | 2.49  | 5.25 | 3.70 | -6.42 | 7.63 | -8.75 | 4.73 | 3.18 | -5.39 | 9.25 | -4.39 | 1.86 | 8.30 | -2.48 | 2.64 | -2.58 | 6.40 |
| 10  | 6.82 | 5.48  | 3.64 | 5.67  | 7.95 | 2.29 | 2.48  | 2.30 | 7.68  | 6.37 | 1.32 | -5.58 | 9.30 | 5.84  | 7.15 | 6.74 | 8.36  | 3.92 | -6.62 | 7.37 | 7.49 | 8.68  | 3.59 | 6.41  | 2.35 |
| Ans |      |       |      |       |      |      |       |      |       |      |      |       |      |       |      |      |       |      |       |      |      |       |      |       |      |

Next Page

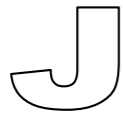
下一页 →

马来西亚第四届珠算心算国际友谊赛及第十届世界中国珠算心算全国比赛  
**4TH MALAYSIA ABACUS & MENTAL ARITHMETIC INTERNATIONAL COMPETITION &**  
**10TH U C MAS ABACUS & MENTAL ARITHMETIC NATIONAL COMPETITION**

**M. A.**

Addition/ Subtraction (Mental Arithmetic) - 加减心算

Category:



Grand A

Date: 14 December 2003

Venue: UNITEN, Kajang

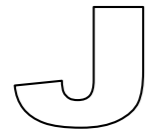
| No. | 51    | 52     | 53    | 54     | 55    | 56    | 57     | 58    | 59    | 60    | 61    | 62     | 63    | 64     | 65    | 66    | 67     | 68    | 69     | 70    | 71    | 72    | 73    | 74    | 75    |
|-----|-------|--------|-------|--------|-------|-------|--------|-------|-------|-------|-------|--------|-------|--------|-------|-------|--------|-------|--------|-------|-------|-------|-------|-------|-------|
| 1   | 9.60  | 96.78  | 81.60 | 1.98   | 39.29 | 18.46 | 8.10   | 9.64  | 89.71 | 8.36  | 78.09 | 2.77   | 5.68  | 8.35   | 48.26 | 56.48 | 87.69  | 8.46  | 31.71  | 8.91  | 68.29 | 27.46 | 4.03  | 43.25 | 4.06  |
| 2   | 56.25 | 5.94   | 3.54  | 92.37  | 3.58  | 35.80 | -2.75  | 51.38 | -2.99 | 39.53 | 1.45  | 62.74  | 7.34  | 58.43  | 1.48  | 85.74 | -9.72  | 36.45 | 6.36   | 34.82 | 6.13  | 59.03 | 39.49 | -2.41 | 73.62 |
| 3   | 2.69  | -54.21 | 91.34 | -4.70  | 23.57 | 7.91  | 24.83  | 5.87  | 35.10 | 1.80  | 21.37 | -8.63  | 39.82 | -2.16  | 64.92 | 2.92  | 48.13  | 20.89 | 83.68  | 62.39 | 2.58  | -8.94 | 27.29 | 91.49 | 6.25  |
| 4   | 94.03 | 5.78   | 2.71  | 56.72  | 12.40 | 89.48 | 7.21   | 25.95 | -8.65 | 48.64 | 2.86  | 45.96  | 7.46  | 69.92  | 32.76 | 4.67  | -4.62  | 4.34  | -5.15  | 5.38  | 60.87 | 87.56 | 3.08  | 5.24  | 89.90 |
| 5   | 8.52  | 19.34  | 14.89 | 8.65   | 9.25  | 4.12  | -11.59 | 4.02  | 73.48 | 7.17  | 16.54 | 2.09   | 23.47 | -6.95  | 3.61  | 8.73  | 50.87  | 45.26 | 2.69   | 1.92  | 6.76  | -5.07 | 52.05 | -4.73 | 2.95  |
| 6   | 41.75 | -5.03  | 6.50  | -6.13  | 45.68 | 57.69 | 3.85   | 78.50 | -7.26 | 5.36  | 3.47  | -76.21 | 2.43  | 47.68  | 74.95 | 73.69 | 1.83   | 1.75  | -68.95 | 6.21  | 48.65 | 56.82 | 78.69 | 8.32  | 4.83  |
| 7   | 5.09  | 92.58  | 2.87  | 3.25   | 8.62  | 67.21 | 6.48   | 2.58  | 1.75  | 28.61 | 98.69 | 4.38   | 52.89 | 9.23   | 58.06 | 4.90  | 47.66  | 74.62 | 8.23   | 60.87 | 6.96  | 7.68  | 4.01  | 72.98 | 98.68 |
| 8   | 31.86 | -6.40  | 28.71 | 67.65  | 67.39 | 7.19  | 57.89  | 36.51 | 41.69 | 9.38  | 2.76  | 94.83  | 9.45  | -13.74 | 9.32  | 5.69  | 4.18   | 6.63  | 7.64   | 7.36  | 72.34 | 12.39 | 6.43  | -8.79 | 28.09 |
| 9   | 4.57  | -35.13 | 4.04  | -72.82 | 2.81  | 2.41  | 94.30  | 42.40 | 3.54  | 31.34 | 58.48 | -4.37  | 49.97 | 2.49   | 1.43  | 52.74 | -80.80 | 52.86 | -58.02 | 65.67 | 51.39 | -6.36 | 75.28 | 21.64 | 54.03 |
| 10  | 97.29 | 3.63   | 35.69 | 91.34  | 6.47  | 1.87  | -52.85 | 1.38  | 87.70 | 14.75 | 9.20  | 62.04  | 94.75 | 71.74  | 3.17  | 71.69 | 2.68   | 4.64  | 90.78  | 39.73 | 1.62  | 3.28  | 3.23  | 30.90 | 2.61  |
| Ans |       |        |       |        |       |       |        |       |       |       |       |        |       |        |       |       |        |       |        |       |       |       |       |       |       |

| No. | 76    | 77     | 78    | 79     | 80    | 81    | 82     | 83    | 84     | 85    | 86    | 87     | 88    | 89     | 90    | 91    | 92     | 93    | 94     | 95    | 96    | 97     | 98    | 99     | 100   |
|-----|-------|--------|-------|--------|-------|-------|--------|-------|--------|-------|-------|--------|-------|--------|-------|-------|--------|-------|--------|-------|-------|--------|-------|--------|-------|
| 1   | 83.42 | 23.74  | 65.72 | 86.04  | 51.04 | 93.21 | 65.32  | 38.42 | 84.04  | 98.21 | 87.25 | 71.05  | 36.08 | 34.06  | 37.67 | 68.74 | 72.29  | 82.35 | 93.53  | 10.97 | 70.68 | 45.16  | 21.60 | 12.35  | 30.41 |
| 2   | 76.37 | 32.06  | 24.97 | 93.13  | 65.23 | 28.46 | -54.02 | 42.56 | 65.83  | 28.48 | 31.68 | -65.04 | 40.30 | -13.54 | 13.26 | 27.93 | 47.83  | 54.54 | -30.48 | 34.76 | 81.87 | 94.65  | 84.39 | 34.57  | 98.19 |
| 3   | 83.25 | -40.98 | 85.20 | -24.92 | 14.31 | 54.70 | 31.89  | 70.58 | -74.31 | 54.70 | 76.91 | 43.26  | 25.62 | 42.69  | 30.19 | 47.14 | -15.37 | 75.69 | 54.70  | 42.38 | 92.61 | -65.28 | 75.61 | -41.68 | 80.48 |
| 4   | 91.40 | 52.86  | 59.82 | 23.76  | 68.09 | 71.94 | -45.25 | 46.95 | 60.89  | 74.94 | 17.94 | 82.19  | 87.17 | -36.90 | 76.74 | 31.29 | 62.58  | 39.47 | -62.43 | 20.84 | 37.36 | 30.86  | 93.45 | 78.95  | 73.06 |
| 5   | 59.07 | -38.25 | 65.79 | 41.67  | 76.24 | 35.26 | 12.83  | 33.15 | -76.64 | 85.26 | 76.41 | -95.20 | 76.65 | 82.97  | 69.65 | 56.17 | -34.14 | 67.68 | 30.96  | 95.63 | 57.83 | -82.71 | 82.31 | 82.36  | 81.29 |
| 6   | 67.02 | 94.81  | 51.48 | -10.78 | 85.92 | 91.01 | 93.84  | 42.56 | -42.05 | 94.07 | 85.23 | 18.94  | 59.94 | 80.40  | 92.94 | 30.36 | 29.18  | 53.96 | 81.87  | 50.61 | 46.17 | 98.49  | 52.34 | 69.78  | 64.26 |
| 7   | 41.73 | -17.86 | 73.60 | 37.25  | 72.15 | 68.10 | 20.68  | 39.20 | 85.92  | 68.70 | 58.26 | 31.06  | 98.16 | 27.36  | 40.12 | 29.50 | 78.43  | 86.74 | -47.31 | 78.40 | 30.74 | 18.24  | 38.93 | -37.69 | 80.12 |
| 8   | 10.14 | 28.63  | 30.67 | 50.82  | 37.24 | 12.15 | -17.82 | 21.76 | 39.24  | 72.15 | 81.52 | -49.83 | 71.47 | -83.79 | 13.76 | 57.13 | -51.95 | 38.71 | 25.47  | 81.53 | 98.47 | -30.45 | 21.86 | 28.06  | 61.54 |
| 9   | 89.02 | 69.87  | 72.98 | -16.34 | 71.98 | 63.16 | 24.96  | 30.27 | 74.98  | 68.46 | 16.57 | 92.49  | 93.51 | 64.74  | 87.09 | 70.24 | 76.89  | 12.45 | 61.36  | 20.80 | 15.20 | 14.83  | 36.05 | -15.31 | 56.38 |
| 10  | 49.35 | -51.94 | 45.39 | 32.92  | 56.20 | 13.08 | 37.60  | 83.42 | 56.59  | 43.08 | 73.62 | 15.32  | 37.59 | 92.36  | 34.10 | 68.56 | 40.21  | 98.58 | 80.62  | 93.07 | 45.06 | 70.60  | 70.15 | 34.02  | 70.32 |
| Ans |       |        |       |        |       |       |        |       |        |       |       |        |       |        |       |       |        |       |        |       |       |        |       |        |       |

马来西亚第四届珠算心算国际友谊赛及第十届世界中国珠算心算全国比赛  
**4TH MALAYSIA ABACUS & MENTAL ARITHMETIC INTERNATIONAL COMPETITION &  
 10TH U C MAS ABACUS & MENTAL ARITHMETIC NATIONAL COMPETITION**

|        |       |
|--------|-------|
| MARKAH | X 1 = |
|--------|-------|

Category:



Grand A

**M. A.**

Multiplication/ Division (Mental Arithmetic) - 乘除心算

Date: 14 December 2003

Venue: UNITEN, Kajang

Time limit: 3 minutes

|    |    |   |    |   |
|----|----|---|----|---|
| 1  | 56 | x | 17 | = |
| 2  | 39 | x | 58 | = |
| 3  | 63 | x | 82 | = |
| 4  | 21 | x | 78 | = |
| 5  | 84 | x | 54 | = |
| 6  | 78 | x | 92 | = |
| 7  | 95 | x | 36 | = |
| 8  | 38 | x | 29 | = |
| 9  | 79 | x | 12 | = |
| 10 | 42 | x | 68 | = |
| 11 | 27 | x | 56 | = |
| 12 | 94 | x | 62 | = |
| 13 | 47 | x | 89 | = |
| 14 | 35 | x | 15 | = |
| 15 | 62 | x | 47 | = |
| 16 | 81 | x | 56 | = |
| 17 | 23 | x | 73 | = |
| 18 | 59 | x | 80 | = |
| 19 | 71 | x | 95 | = |
| 20 | 45 | x | 67 | = |
| 21 | 31 | x | 84 | = |
| 22 | 52 | x | 96 | = |
| 23 | 29 | x | 35 | = |
| 24 | 78 | x | 68 | = |
| 25 | 86 | x | 43 | = |

|    |     |   |    |   |
|----|-----|---|----|---|
| 26 | 428 | x | 36 | = |
| 27 | 971 | x | 50 | = |
| 28 | 397 | x | 48 | = |
| 29 | 754 | x | 82 | = |
| 30 | 683 | x | 16 | = |
| 31 | 914 | x | 54 | = |
| 32 | 685 | x | 79 | = |
| 33 | 398 | x | 21 | = |
| 34 | 736 | x | 63 | = |
| 35 | 569 | x | 97 | = |
| 36 | 847 | x | 35 | = |
| 37 | 532 | x | 66 | = |
| 38 | 481 | x | 12 | = |
| 39 | 639 | x | 48 | = |
| 40 | 274 | x | 92 | = |
| 41 | 849 | x | 41 | = |
| 42 | 934 | x | 73 | = |
| 43 | 876 | x | 68 | = |
| 44 | 484 | x | 42 | = |
| 45 | 296 | x | 79 | = |
| 46 | 927 | x | 63 | = |
| 47 | 535 | x | 59 | = |
| 48 | 743 | x | 31 | = |
| 49 | 358 | x | 25 | = |
| 50 | 694 | x | 87 | = |

|    |       |   |    |   |
|----|-------|---|----|---|
| 51 | 2,967 | ÷ | 69 | = |
| 52 | 1,500 | ÷ | 60 | = |
| 53 | 7,708 | ÷ | 82 | = |
| 54 | 1,102 | ÷ | 29 | = |
| 55 | 4,615 | ÷ | 65 | = |
| 56 | 1,175 | ÷ | 47 | = |
| 57 | 6,164 | ÷ | 92 | = |
| 58 | 936   | ÷ | 18 | = |
| 59 | 1,794 | ÷ | 39 | = |
| 60 | 1,311 | ÷ | 57 | = |
| 61 | 2,847 | ÷ | 73 | = |
| 62 | 3,808 | ÷ | 68 | = |
| 63 | 2,280 | ÷ | 30 | = |
| 64 | 1,998 | ÷ | 74 | = |
| 65 | 4,200 | ÷ | 50 | = |
| 66 | 867   | ÷ | 17 | = |
| 67 | 3,770 | ÷ | 58 | = |
| 68 | 4,872 | ÷ | 87 | = |
| 69 | 1,258 | ÷ | 34 | = |
| 70 | 3,612 | ÷ | 43 | = |
| 71 | 3,744 | ÷ | 96 | = |
| 72 | 1,955 | ÷ | 23 | = |
| 73 | 3,002 | ÷ | 79 | = |
| 74 | 2,784 | ÷ | 58 | = |
| 75 | 2,175 | ÷ | 87 | = |

100 questions, Each question 2 marks

|     |        |   |    |   |
|-----|--------|---|----|---|
| 76  | 17,892 | ÷ | 63 | = |
| 77  | 35,950 | ÷ | 50 | = |
| 78  | 81,732 | ÷ | 84 | = |
| 79  | 44,854 | ÷ | 82 | = |
| 80  | 23,546 | ÷ | 61 | = |
| 81  | 14,453 | ÷ | 97 | = |
| 82  | 26,370 | ÷ | 45 | = |
| 83  | 20,643 | ÷ | 21 | = |
| 84  | 23,121 | ÷ | 63 | = |
| 85  | 54,905 | ÷ | 79 | = |
| 86  | 39,644 | ÷ | 53 | = |
| 87  | 46,547 | ÷ | 89 | = |
| 88  | 74,888 | ÷ | 92 | = |
| 89  | 33,264 | ÷ | 84 | = |
| 90  | 30,422 | ÷ | 41 | = |
| 91  | 36,354 | ÷ | 73 | = |
| 92  | 81,098 | ÷ | 86 | = |
| 93  | 18,432 | ÷ | 24 | = |
| 94  | 46,948 | ÷ | 97 | = |
| 95  | 34,632 | ÷ | 36 | = |
| 96  | 26,505 | ÷ | 95 | = |
| 97  | 46,545 | ÷ | 87 | = |
| 98  | 29,716 | ÷ | 68 | = |
| 99  | 39,238 | ÷ | 46 | = |
| 100 | 45,632 | ÷ | 92 | = |