



## Mental Math World Cup 2025

### Practice Sheet 3-Answer Key

#### Master Category (Ages 9-11)

##### Section 1

| Question Content                | Option 1 | Option 2 | Option 3 | Option 4 |
|---------------------------------|----------|----------|----------|----------|
| $9 + 7 + 4 = \underline{\quad}$ | 18       | 11       | 22       | 20       |
| $9 + 1 + 1 = \underline{\quad}$ | 11       | 8        | 5        | 3        |
| $3 + 1 + 9 = \underline{\quad}$ | 13       | 20       | 9        | 19       |
| $4 + 2 + 3 = \underline{\quad}$ | 5        | 9        | 13       | 8        |
| $5 + 5 + 5 = \underline{\quad}$ | 8        | 11       | 15       | 12       |
| $5 + 4 + 3 = \underline{\quad}$ | 12       | 7        | 17       | 14       |
| $5 + 7 + 3 = \underline{\quad}$ | 8        | 15       | 9        | 6        |
| $1 + 2 + 8 = \underline{\quad}$ | 17       | 16       | 11       | 12       |
| $4 + 2 + 6 = \underline{\quad}$ | 18       | 16       | 12       | 7        |
| $1 + 8 + 7 = \underline{\quad}$ | 13       | 14       | 7        | 16       |
| $9 + 6 - 3 = \underline{\quad}$ | 15       | 14       | 12       | 16       |
| $8 + 7 - 2 = \underline{\quad}$ | 5        | 18       | 13       | 11       |
| $9 + 7 - 1 = \underline{\quad}$ | 14       | 16       | 22       | 15       |
| $5 + 4 - 3 = \underline{\quad}$ | 13       | 6        | 5        | 15       |
| $8 + 2 - 1 = \underline{\quad}$ | 9        | 3        | 17       | 11       |
| $7 + 7 - 7 = \underline{\quad}$ | 10       | 15       | 7        | 16       |
| $9 + 9 - 4 = \underline{\quad}$ | 11       | 14       | 12       | 21       |
| $8 + 5 - 3 = \underline{\quad}$ | 10       | 15       | 8        | 18       |
| $6 + 6 - 4 = \underline{\quad}$ | 8        | 7        | 16       | 1        |
| $7 + 5 - 3 = \underline{\quad}$ | 5        | 16       | 17       | 9        |

##### Section 2

| Question Content             | Option 1 | Option 2 | Option 3 | Option 4 |
|------------------------------|----------|----------|----------|----------|
| $26 + 9 = \underline{\quad}$ | 35       | 27       | 37       | 38       |
| $65 + 4 = \underline{\quad}$ | 77       | 69       | 68       | 71       |
| $15 + 1 = \underline{\quad}$ | 7        | 24       | 14       | 16       |
| $11 + 1 = \underline{\quad}$ | 17       | 14       | 6        | 12       |
| $89 + 9 = \underline{\quad}$ | 98       | 107      | 95       | 106      |



|                              |    |    |    |    |
|------------------------------|----|----|----|----|
| $48 + 2 = \underline{\quad}$ | 54 | 48 | 45 | 50 |
| $54 + 7 = \underline{\quad}$ | 58 | 66 | 61 | 56 |
| $32 + 9 = \underline{\quad}$ | 41 | 35 | 36 | 43 |
| $57 + 8 = \underline{\quad}$ | 65 | 66 | 56 | 63 |
| $57 + 4 = \underline{\quad}$ | 61 | 64 | 57 | 55 |
| $70 - 3 = \underline{\quad}$ | 65 | 67 | 70 | 58 |
| $66 - 2 = \underline{\quad}$ | 67 | 66 | 64 | 56 |
| $94 - 9 = \underline{\quad}$ | 90 | 94 | 85 | 88 |
| $32 - 8 = \underline{\quad}$ | 18 | 33 | 24 | 15 |
| $62 - 8 = \underline{\quad}$ | 60 | 56 | 49 | 54 |
| $25 - 7 = \underline{\quad}$ | 9  | 25 | 17 | 18 |
| $63 - 9 = \underline{\quad}$ | 54 | 63 | 51 | 48 |
| $63 - 1 = \underline{\quad}$ | 70 | 56 | 62 | 67 |
| $76 - 9 = \underline{\quad}$ | 59 | 67 | 74 | 73 |
| $16 - 5 = \underline{\quad}$ | 13 | 11 | 18 | 2  |

### Section 3

| Question Content                               | Option 1 | Option 2 | Option 3 | Option 4 |
|--|----------|----------|----------|----------|
| Double of 1 + Half of 68 = $\underline{\quad}$ | 39       | 33       | 36       | 31       |
| Double of 2 + Half of 48 = $\underline{\quad}$ | 28       | 36       | 24       | 25       |
| Double of 3 + Half of 98 = $\underline{\quad}$ | 60       | 53       | 55       | 50       |
| Double of 5 + Half of 38 = $\underline{\quad}$ | 36       | 35       | 29       | 26       |
| Double of 1 + Half of 46 = $\underline{\quad}$ | 25       | 20       | 31       | 17       |

### Section 4

| Question Content                               | Option 1 | Option 2 | Option 3 | Option 4 |
|--|----------|----------|----------|----------|
| Half of 68 - Double of 2 = $\underline{\quad}$ | 31       | 30       | 25       | 32       |
| Half of 80 - Double of 8 = $\underline{\quad}$ | 20       | 31       | 24       | 30       |
| Half of 94 - Double of 7 = $\underline{\quad}$ | 36       | 33       | 26       | 42       |
| Half of 50 - Double of 2 = $\underline{\quad}$ | 21       | 28       | 25       | 23       |
| Half of 56 - Double of 2 = $\underline{\quad}$ | 33       | 30       | 26       | 24       |
| Half of 94 - Double of 3 = $\underline{\quad}$ | 44       | 50       | 41       | 37       |
| Half of 62 - Double of 1 = $\underline{\quad}$ | 29       | 30       | 25       | 21       |
| Half of 92 - Double of 5 = $\underline{\quad}$ | 36       | 45       | 38       | 40       |
| Half of 72 - Double of 3 = $\underline{\quad}$ | 30       | 27       | 26       | 36       |
| Half of 32 - Double of 8 = $\underline{\quad}$ | 9        | 6        | 5        | 0        |



### Section 5

| Question Content                 | Option 1 | Option 2 | Option 3 | Option 4 |
|----------------------------------|----------|----------|----------|----------|
| $67 + 1 + 3 = \underline{\quad}$ | 71       | 68       | 73       | 72       |
| $85 + 6 + 6 = \underline{\quad}$ | 101      | 97       | 88       | 91       |
| $34 + 3 + 3 = \underline{\quad}$ | 37       | 40       | 49       | 38       |
| $32 + 9 + 1 = \underline{\quad}$ | 48       | 34       | 43       | 42       |
| $65 + 4 + 3 = \underline{\quad}$ | 77       | 65       | 72       | 73       |
| $36 + 1 + 3 = \underline{\quad}$ | 34       | 40       | 45       | 37       |
| $29 + 9 + 5 = \underline{\quad}$ | 43       | 50       | 36       | 52       |
| $69 + 7 + 1 = \underline{\quad}$ | 73       | 77       | 70       | 80       |
| $44 + 6 + 1 = \underline{\quad}$ | 57       | 47       | 51       | 54       |
| $79 + 6 + 4 = \underline{\quad}$ | 83       | 98       | 89       | 82       |
| $24 + 1 - 1 = \underline{\quad}$ | 26       | 33       | 32       | 24       |
| $77 + 2 - 1 = \underline{\quad}$ | 76       | 74       | 70       | 78       |
| $69 + 9 - 8 = \underline{\quad}$ | 70       | 72       | 78       | 64       |
| $35 + 6 - 5 = \underline{\quad}$ | 34       | 36       | 43       | 32       |
| $25 + 8 - 4 = \underline{\quad}$ | 35       | 29       | 34       | 37       |
| $11 + 8 - 8 = \underline{\quad}$ | 13       | 15       | 10       | 11       |
| $88 + 3 - 1 = \underline{\quad}$ | 82       | 92       | 88       | 90       |
| $34 + 9 - 4 = \underline{\quad}$ | 47       | 39       | 32       | 38       |
| $98 + 8 - 2 = \underline{\quad}$ | 102      | 109      | 104      | 112      |
| $86 + 6 - 3 = \underline{\quad}$ | 89       | 85       | 82       | 87       |
| $93 - 5 + 3 = \underline{\quad}$ | 91       | 95       | 86       | 93       |
| $89 - 8 + 3 = \underline{\quad}$ | 81       | 86       | 88       | 84       |
| $60 - 8 + 1 = \underline{\quad}$ | 59       | 52       | 60       | 53       |
| $73 - 6 + 4 = \underline{\quad}$ | 70       | 62       | 79       | 71       |
| $31 - 8 + 3 = \underline{\quad}$ | 31       | 35       | 21       | 26       |
| $96 - 9 + 1 = \underline{\quad}$ | 81       | 95       | 91       | 88       |
| $83 - 6 + 4 = \underline{\quad}$ | 80       | 79       | 81       | 86       |
| $71 - 3 + 1 = \underline{\quad}$ | 74       | 69       | 60       | 65       |
| $14 - 7 + 3 = \underline{\quad}$ | 10       | 5        | 4        | 12       |
| $79 - 8 + 2 = \underline{\quad}$ | 68       | 70       | 74       | 73       |



### Section 6

| Question Content                    | Option 1 | Option 2 | Option 3 | Option 4 |
|-------------------------------------|----------|----------|----------|----------|
| $10 \times 10 = \underline{\quad}$  | 109      | 98       | 95       | 100      |
| $62 \times 10 = \underline{\quad}$  | 616      | 625      | 629      | 620      |
| $71 \times 10 = \underline{\quad}$  | 703      | 712      | 711      | 710      |
| $49 \times 10 = \underline{\quad}$  | 482      | 494      | 498      | 490      |
| $81 \times 10 = \underline{\quad}$  | 810      | 808      | 807      | 811      |
| $75 \times 100 = \underline{\quad}$ | 7501     | 7493     | 7498     | 7500     |
| $48 \times 100 = \underline{\quad}$ | 4800     | 4804     | 4794     | 4805     |
| $95 \times 100 = \underline{\quad}$ | 9492     | 9508     | 9502     | 9500     |
| $81 \times 100 = \underline{\quad}$ | 8103     | 8101     | 8100     | 8092     |
| $91 \times 100 = \underline{\quad}$ | 9109     | 9108     | 9100     | 9098     |

### Section 7

| Question Content                           | Option 1 | Option 2 | Option 3 | Option 4 |
|--|----------|----------|----------|----------|
| $74 \times 5 \times \underline{\quad} = 0$ | 7        | 1        | 0        | 9        |
| $48 \times 4 \times \underline{\quad} = 0$ | 1        | 9        | 0        | 6        |
| $28 \times 5 \times \underline{\quad} = 0$ | 3        | 4        | 8        | 0        |
| $94 \times 1 \times \underline{\quad} = 0$ | 2        | 8        | 0        | 9        |
| $45 \times 3 \times \underline{\quad} = 0$ | 0        | 8        | 1        | 9        |
| $97 \times 4 \times 0 = \underline{\quad}$ | 7        | 2        | 5        | 0        |
| $29 \times 3 \times 0 = \underline{\quad}$ | 0        | 2        | 7        | 4        |
| $50 \times 8 \times 0 = \underline{\quad}$ | 3        | 5        | 0        | 2        |
| $92 \times 1 \times 0 = \underline{\quad}$ | 7        | 1        | 0        | 2        |
| $17 \times 6 \times 0 = \underline{\quad}$ | 7        | 0        | 3        | 8        |

### Section 8

| Question Content          | Option 1 | Option 2 | Option 3 | Option 4 |
|---------------------------|----------|----------|----------|----------|
| $3^2 = \underline{\quad}$ | 3        | 9        | 10       | 16       |
| $8^2 = \underline{\quad}$ | 66       | 60       | 68       | 64       |
| $5^2 = \underline{\quad}$ | 27       | 26       | 32       | 25       |
| $7^2 = \underline{\quad}$ | 57       | 49       | 54       | 42       |
| $9^2 = \underline{\quad}$ | 81       | 73       | 87       | 74       |
| $6^2 = \underline{\quad}$ | 34       | 28       | 36       | 35       |
| $4^2 = \underline{\quad}$ | 24       | 21       | 16       | 23       |
| $8^3 = \underline{\quad}$ | 510      | 521      | 512      | 507      |



|                                       |     |     |     |     |
|---------------------------------------|-----|-----|-----|-----|
| $9^3 = \underline{\quad}$             | 721 | 728 | 729 | 727 |
| $3^3 = \underline{\quad}$             | 21  | 30  | 27  | 35  |
| $6^3 = \underline{\quad}$             | 216 | 210 | 222 | 213 |
| $5^3 = \underline{\quad}$             | 125 | 127 | 117 | 131 |
| $7^3 = \underline{\quad}$             | 343 | 337 | 351 | 344 |
| $2^3 = \underline{\quad}$             | 8   | 4   | 1   | 3   |
| $4^3 = \underline{\quad}$             | 67  | 64  | 59  | 56  |
| $2^3 + 1^2 + 3^2 = \underline{\quad}$ | 18  | 25  | 26  | 20  |
| $9^3 + 2^2 + 1^2 = \underline{\quad}$ | 741 | 734 | 737 | 726 |
| $9^3 + 6^2 + 1^2 = \underline{\quad}$ | 757 | 766 | 772 | 771 |
| $9^3 + 5^2 + 9^2 = \underline{\quad}$ | 844 | 838 | 835 | 829 |
| $8^3 + 4^2 + 9^2 = \underline{\quad}$ | 608 | 609 | 612 | 606 |
| $6^2 + 5^2 - 3^2 = \underline{\quad}$ | 60  | 44  | 52  | 50  |
| $9^2 + 7^2 - 3^2 = \underline{\quad}$ | 121 | 112 | 114 | 113 |
| $7^2 + 2^2 - 2^2 = \underline{\quad}$ | 43  | 49  | 48  | 45  |
| $7^2 + 7^2 - 2^2 = \underline{\quad}$ | 87  | 100 | 94  | 86  |
| $9^2 + 3^2 - 2^2 = \underline{\quad}$ | 82  | 87  | 86  | 91  |
| $8^3 + 8^2 - 6^2 = \underline{\quad}$ | 547 | 533 | 540 | 542 |
| $6^2 + 6^2 - 1^3 = \underline{\quad}$ | 73  | 63  | 71  | 66  |
| $8^3 + 9^2 - 3^2 = \underline{\quad}$ | 587 | 580 | 581 | 584 |
| $7^3 + 9^2 - 3^2 = \underline{\quad}$ | 415 | 418 | 407 | 417 |
| $8^3 + 7^2 - 3^2 = \underline{\quad}$ | 550 | 555 | 552 | 561 |

### Section 9

| Question Content                                | Option 1 | Option 2 | Option 3 | Option 4 |
|---|----------|----------|----------|----------|
| Double of 66 - Half of 34 = $\underline{\quad}$ | 121      | 115      | 114      | 119      |
| Double of 32 - Half of 4 = $\underline{\quad}$  | 60       | 64       | 57       | 62       |
| Double of 20 - Half of 6 = $\underline{\quad}$  | 31       | 43       | 36       | 37       |
| Double of 55 - Half of 28 = $\underline{\quad}$ | 104      | 96       | 92       | 91       |
| Double of 95 - Half of 40 = $\underline{\quad}$ | 177      | 170      | 162      | 179      |

### Section 10

| Question Content                             | Option 1 | Option 2 | Option 3 | Option 4 |
|--|----------|----------|----------|----------|
| $(4 + 9) \times (7 + 2) = \underline{\quad}$ | 117      | 115      | 123      | 120      |
| $(2 + 6) \times (4 + 3) = \underline{\quad}$ | 60       | 56       | 47       | 58       |
| $(8 + 4) \times (6 + 9) = \underline{\quad}$ | 180      | 189      | 182      | 179      |



|  |    |    |    |    |
|--|----|----|----|----|
| $(5 + 7) \times (4 + 2) = \underline{\quad}$ | 78 | 76 | 72 | 70 |
| $(2 + 2) \times (6 + 7) = \underline{\quad}$ | 54 | 50 | 52 | 59 |

### Section 11

| Question Content                   | Option 1 | Option 2 | Option 3 | Option 4 |
|------------------------------------|----------|----------|----------|----------|
| Triple of 69 = $\underline{\quad}$ | 215      | 202      | 209      | 207      |
| Triple of 31 = $\underline{\quad}$ | 95       | 85       | 93       | 91       |
| Triple of 59 = $\underline{\quad}$ | 185      | 177      | 179      | 180      |
| Triple of 92 = $\underline{\quad}$ | 272      | 276      | 278      | 283      |
| Triple of 58 = $\underline{\quad}$ | 179      | 174      | 172      | 168      |

### Section 12

| Question Content                   | Option 1 | Option 2 | Option 3 | Option 4 |
|------------------------------------|----------|----------|----------|----------|
| Half of 928 = $\underline{\quad}$  | 465      | 458      | 464      | 466      |
| Half of 380 = $\underline{\quad}$  | 190      | 187      | 192      | 181      |
| Half of 736 = $\underline{\quad}$  | 366      | 372      | 368      | 373      |
| Half of 890 = $\underline{\quad}$  | 449      | 445      | 451      | 447      |
| Half of 654 = $\underline{\quad}$  | 328      | 327      | 334      | 335      |
| Half of 2918 = $\underline{\quad}$ | 1454     | 1455     | 1463     | 1459     |
| Half of 1184 = $\underline{\quad}$ | 591      | 592      | 586      | 594      |
| Half of 7168 = $\underline{\quad}$ | 3584     | 3583     | 3585     | 3590     |
| Half of 9636 = $\underline{\quad}$ | 4826     | 4818     | 4812     | 4821     |
| Half of 7204 = $\underline{\quad}$ | 3595     | 3602     | 3593     | 3600     |

### Section 13

| Question Content                  | Option 1 | Option 2 | Option 3 | Option 4 |
|-----------------------------------|----------|----------|----------|----------|
| $30 \times 6 = \underline{\quad}$ | 188      | 175      | 180      | 185      |
| $10 \times 9 = \underline{\quad}$ | 90       | 83       | 89       | 93       |
| $30 \times 9 = \underline{\quad}$ | 278      | 272      | 270      | 263      |
| $30 \times 5 = \underline{\quad}$ | 156      | 150      | 159      | 155      |
| $25 \times 5 = \underline{\quad}$ | 122      | 125      | 118      | 121      |
| $35 \times 3 = \underline{\quad}$ | 110      | 96       | 113      | 105      |
| $35 \times 9 = \underline{\quad}$ | 322      | 319      | 311      | 315      |
| $25 \times 8 = \underline{\quad}$ | 199      | 202      | 200      | 195      |
| $40 \times 2 = \underline{\quad}$ | 81       | 80       | 71       | 79       |



|                                     |     |     |     |     |
|-------------------------------------|-----|-----|-----|-----|
| $25 \times 9 = \underline{\quad}$   | 228 | 227 | 223 | 225 |
| $11 \times 4 = \underline{\quad}$   | 46  | 38  | 44  | 40  |
| $47 \times 3 = \underline{\quad}$   | 140 | 141 | 137 | 144 |
| $24 \times 8 = \underline{\quad}$   | 198 | 195 | 192 | 194 |
| $98 \times 9 = \underline{\quad}$   | 887 | 888 | 873 | 882 |
| $77 \times 3 = \underline{\quad}$   | 226 | 224 | 237 | 231 |
| $70 \times 8 = \underline{\quad}$   | 552 | 564 | 560 | 563 |
| $73 \times 4 = \underline{\quad}$   | 286 | 284 | 296 | 292 |
| $91 \times 7 = \underline{\quad}$   | 635 | 639 | 637 | 631 |
| $88 \times 2 = \underline{\quad}$   | 171 | 176 | 178 | 168 |
| $26 \times 7 = \underline{\quad}$   | 175 | 182 | 178 | 184 |
| $13 \times \underline{\quad} = 78$  | 11  | 15  | 8   | 6   |
| $79 \times \underline{\quad} = 237$ | 4   | 3   | 2   | 5   |
| $94 \times \underline{\quad} = 658$ | 14  | 9   | 1   | 7   |
| $77 \times \underline{\quad} = 308$ | 13  | 11  | 2   | 4   |
| $33 \times \underline{\quad} = 264$ | 3   | 12  | 8   | 10  |
| $86 \times \underline{\quad} = 430$ | 4   | 10  | 5   | 3   |
| $21 \times \underline{\quad} = 63$  | 5   | 3   | 4   | 2   |
| $64 \times \underline{\quad} = 384$ | 15  | 6   | 4   | 10  |
| $61 \times \underline{\quad} = 427$ | 7   | 1   | 13  | 3   |
| $40 \times \underline{\quad} = 200$ | 6   | 7   | 9   | 5   |

#### Section 14

| Question Content              | Option 1 | Option 2 | Option 3 | Option 4 |
|-------------------------------|----------|----------|----------|----------|
| $54 + 30 = \underline{\quad}$ | 78       | 93       | 87       | 84       |
| $99 + 72 = \underline{\quad}$ | 180      | 171      | 173      | 166      |
| $87 + 38 = \underline{\quad}$ | 122      | 125      | 130      | 116      |
| $58 + 89 = \underline{\quad}$ | 140      | 148      | 147      | 142      |
| $32 + 57 = \underline{\quad}$ | 89       | 88       | 91       | 94       |
| $77 - 77 = \underline{\quad}$ | 0        | 9        | 5        | 6        |
| $40 - 38 = \underline{\quad}$ | 5        | 2        | 3        | 1        |
| $49 - 16 = \underline{\quad}$ | 38       | 31       | 36       | 33       |
| $56 - 16 = \underline{\quad}$ | 34       | 38       | 40       | 35       |
| $84 - 57 = \underline{\quad}$ | 20       | 27       | 25       | 23       |



### Section 15

| Question Content               | Option 1 | Option 2 | Option 3 | Option 4 |
|--------------------------------|----------|----------|----------|----------|
| Double of 54 + Triple of 6 = _ | 117      | 126      | 131      | 132      |
| Double of 48 + Triple of 2 = _ | 105      | 111      | 102      | 108      |
| Double of 29 + Triple of 3 = _ | 67       | 72       | 71       | 66       |
| Double of 87 + Triple of 9 = _ | 202      | 197      | 201      | 194      |
| Double of 49 + Triple of 5 = _ | 113      | 118      | 121      | 110      |
| Double of 71 + Half of 50 = _  | 162      | 169      | 159      | 167      |
| Double of 32 + Half of 68 = _  | 98       | 96       | 100      | 89       |
| Double of 70 + Half of 26 = _  | 154      | 151      | 153      | 157      |
| Double of 96 + Half of 68 = _  | 230      | 226      | 220      | 221      |
| Double of 66 + Half of 64 = _  | 164      | 163      | 167      | 169      |

### Section 16

| Question Content    | Option 1 | Option 2 | Option 3 | Option 4 |
|---------------------|----------|----------|----------|----------|
| 17, 77, 56 Mean = _ | 52       | 48       | 50       | 49       |
| 44, 27, 85 Mean = _ | 49       | 44       | 52       | 43       |
| 61, 96, 92 Mean = _ | 77       | 85       | 83       | 90       |
| 43, 50, 96 Mean = _ | 60       | 55       | 63       | 71       |
| 32, 48, 22 Mean = _ | 41       | 33       | 29       | 34       |
| 31, 28, 55 Mean = _ | 40       | 39       | 38       | 44       |
| 99, 11, 34 Mean = _ | 42       | 48       | 46       | 39       |
| 11, 94, 60 Mean = _ | 52       | 51       | 53       | 55       |
| 11, 45, 34 Mean = _ | 36       | 29       | 32       | 30       |
| 68, 71, 23 Mean = _ | 47       | 60       | 45       | 54       |

### Section 17

| Question Content                                | Option 1 | Option 2 | Option 3 | Option 4 |
|---|----------|----------|----------|----------|
| Cost price = 64, Selling Price = 111 Profit = _ | 51       | 47       | 39       | 45       |
| Cost price = 90, Selling Price = 162 Profit = _ | 72       | 79       | 81       | 67       |
| Cost price = 15, Selling Price = 5 Loss = _     | 1        | 16       | 10       | 7        |
| Cost price = 22, Selling Price = 4 Loss = _     | 23       | 11       | 16       | 18       |
| Cost price = 27, Selling Price = 47 Profit = _  | 25       | 19       | 20       | 18       |





|   |    |    |    |    |
|---|----|----|----|----|
| Cost price = 38, Selling Price = 18 Loss = <u>      </u>    | 23 | 17 | 20 | 13 |
| Cost price = 22, Selling Price = 8 Loss = <u>      </u>     | 13 | 14 | 7  | 8  |
| Cost price = 82, Selling Price = 123 Profit = <u>      </u> | 39 | 36 | 43 | 41 |
| Cost price = 93, Selling Price = 58 Loss = <u>      </u>    | 28 | 26 | 44 | 35 |
| Cost price = 67, Selling Price = 23 Loss = <u>      </u>    | 44 | 50 | 47 | 39 |

### Section 18

| Question Content   | Option 1 | Option 2 | Option 3 | Option 4 |
|--|----------|----------|----------|----------|
| Cost price = 605, Selling Price = 720 Profit = <u>      </u> | 118      | 109      | 123      | 115      |
| Cost price = 284, Selling Price = 176 Loss = <u>      </u>   | 108      | 102      | 116      | 113      |
| Cost price = 199, Selling Price = 169 Loss = <u>      </u>   | 35       | 28       | 30       | 25       |
| Cost price = 142, Selling Price = 44 Loss = <u>      </u>    | 101      | 98       | 100      | 95       |
| Cost price = 326, Selling Price = 548 Profit = <u>      </u> | 219      | 216      | 226      | 222      |

### Section 19

| Question Content  | Option 1 | Option 2 | Option 3 | Option 4 |
|---|----------|----------|----------|----------|
| Profit = 59, Selling Price = 193 Cost price = <u>      </u> | 142      | 128      | 129      | 134      |
| Loss = 618, Selling Price = 240 Cost price = <u>      </u>  | 858      | 863      | 851      | 849      |
| Loss = 453, Selling Price = 370 Cost price = <u>      </u>  | 823      | 822      | 830      | 815      |
| Loss = 121, Selling Price = 223 Cost price = <u>      </u>  | 336      | 339      | 352      | 344      |
| Loss = 322, Selling Price = 119 Cost price = <u>      </u>  | 441      | 445      | 449      | 436      |



### Section 20

| Question Content     | Option 1 | Option 2 | Option 3 | Option 4 |
|----------------------|----------|----------|----------|----------|
| 44 / 2 Quotient = _  | 20       | 24       | 21       | 22       |
| 72 / 9 Quotient = _  | 10       | 6        | 8        | 9        |
| 60 / 3 Quotient = _  | 26       | 13       | 28       | 20       |
| 39 / 3 Quotient = _  | 6        | 4        | 7        | 13       |
| 88 / 8 Quotient = _  | 14       | 6        | 11       | 8        |
| 16 / 2 Quotient = _  | 4        | 11       | 8        | 16       |
| 66 / 6 Quotient = _  | 5        | 11       | 9        | 6        |
| 40 / 8 Quotient = _  | 13       | 12       | 11       | 5        |
| 24 / 6 Quotient = _  | 7        | 10       | 4        | 6        |
| 32 / 8 Quotient = _  | 3        | 2        | 12       | 4        |
| 238 / 2 Quotient = _ | 111      | 121      | 119      | 112      |
| 315 / 9 Quotient = _ | 35       | 29       | 43       | 37       |
| 232 / 8 Quotient = _ | 29       | 26       | 27       | 34       |
| 456 / 3 Quotient = _ | 159      | 157      | 161      | 152      |
| 252 / 3 Quotient = _ | 82       | 84       | 77       | 81       |

### Section 21

| Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|------------------|----------|----------|----------|----------|
| 20% of 85 = _    | 25       | 20       | 17       | 11       |
| 25% of 76 = _    | 19       | 22       | 27       | 13       |
| 50% of 86 = _    | 39       | 43       | 34       | 50       |
| 25% of 96 = _    | 24       | 32       | 33       | 20       |
| 50% of 14 = _    | 5        | 6        | 15       | 7        |

### Section 22

| Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|------------------|----------|----------|----------|----------|
| 2.52 x 10 = _    | 34.2     | 21.2     | 23.2     | 25.2     |
| 2.38 x 10 = _    | 18.8     | 24.8     | 23.8     | 21.8     |
| 2.96 x 10 = _    | 29.6     | 25.6     | 27.6     | 31.6     |
| 2.46 x 10 = _    | 25.6     | 24.6     | 29.6     | 16.6     |
| 7.17 x 10 = _    | 67.7     | 69.7     | 79.7     | 71.7     |



### Section 23

| Question Content                               | Option 1 | Option 2 | Option 3 | Option 4 |
|--|----------|----------|----------|----------|
| $576.53 \times 100 = \underline{\hspace{1cm}}$ | 57652    | 57657    | 57653    | 57646    |
| $345.99 \times 100 = \underline{\hspace{1cm}}$ | 34599    | 34597    | 34598    | 34591    |
| $617.17 \times 100 = \underline{\hspace{1cm}}$ | 61722    | 61717    | 61715    | 61719    |
| $849.71 \times 100 = \underline{\hspace{1cm}}$ | 84971    | 84962    | 84978    | 84966    |
| $276.33 \times 100 = \underline{\hspace{1cm}}$ | 27628    | 27633    | 27641    | 27631    |
| $4.64 \times 100 = \underline{\hspace{1cm}}$   | 466      | 464      | 461      | 468      |
| $5.94 \times 100 = \underline{\hspace{1cm}}$   | 594      | 601      | 596      | 599      |
| $7.9 \times 100 = \underline{\hspace{1cm}}$    | 788      | 790      | 798      | 789      |
| $7.18 \times 100 = \underline{\hspace{1cm}}$   | 712      | 716      | 713      | 718      |
| $6.14 \times 100 = \underline{\hspace{1cm}}$   | 614      | 606      | 616      | 608      |
| $2.24 \times 100 = \underline{\hspace{1cm}}$   | 224      | 227      | 223      | 221      |
| $4.01 \times 100 = \underline{\hspace{1cm}}$   | 400      | 395      | 405      | 401      |
| $9.86 \times 100 = \underline{\hspace{1cm}}$   | 995      | 988      | 986      | 989      |
| $4.98 \times 100 = \underline{\hspace{1cm}}$   | 491      | 497      | 496      | 498      |
| $3.05 \times 100 = \underline{\hspace{1cm}}$   | 307      | 305      | 308      | 311      |

### Section 24

| Question Content                             | Option 1 | Option 2 | Option 3 | Option 4 |
|--|----------|----------|----------|----------|
| $\underline{\hspace{1cm}} \times 100 = 8300$ | 83       | 86       | 76       | 81       |
| $\underline{\hspace{1cm}} \times 100 = 6000$ | 64       | 52       | 60       | 68       |
| $\underline{\hspace{1cm}} \times 100 = 2300$ | 14       | 23       | 15       | 32       |
| $\underline{\hspace{1cm}} \times 100 = 5400$ | 60       | 52       | 54       | 61       |
| $\underline{\hspace{1cm}} \times 100 = 4100$ | 41       | 43       | 44       | 45       |

### Section 25

| Question Content                  | Option 1 | Option 2 | Option 3 | Option 4 |
|-----------------------------------|----------|----------|----------|----------|
| $69^2 = \underline{\hspace{1cm}}$ | 4752     | 4767     | 4768     | 4761     |
| $98^2 = \underline{\hspace{1cm}}$ | 9604     | 9606     | 9612     | 9603     |
| $63^2 = \underline{\hspace{1cm}}$ | 3960     | 3969     | 3968     | 3972     |
| $22^2 = \underline{\hspace{1cm}}$ | 477      | 484      | 479      | 489      |
| $38^2 = \underline{\hspace{1cm}}$ | 1438     | 1446     | 1453     | 1444     |
| $89^2 = \underline{\hspace{1cm}}$ | 7929     | 7913     | 7922     | 7921     |
| $17^2 = \underline{\hspace{1cm}}$ | 285      | 289      | 287      | 292      |
| $61^2 = \underline{\hspace{1cm}}$ | 3724     | 3721     | 3718     | 3730     |



|                                   |      |      |      |      |
|-----------------------------------|------|------|------|------|
| $73^2 = \underline{\hspace{1cm}}$ | 5329 | 5320 | 5331 | 5323 |
| $15^2 = \underline{\hspace{1cm}}$ | 225  | 219  | 223  | 227  |

### Section 26

| Question Content                          | Option 1 | Option 2 | Option 3 | Option 4 |
|---|----------|----------|----------|----------|
| $4.75 + 8.3 = \underline{\hspace{1cm}}$   | 14.05    | 13.05    | 9.05     | 22.05    |
| $8.16 + 5.953 = \underline{\hspace{1cm}}$ | 14.113   | 7.113    | 16.113   | 18.113   |
| $8.39 + 8.671 = \underline{\hspace{1cm}}$ | 9.061    | 10.061   | 17.061   | 11.061   |
| $2.58 + 4.162 = \underline{\hspace{1cm}}$ | 14.742   | 5.742    | 6.742    | 12.742   |
| $1.9 + 3.915 = \underline{\hspace{1cm}}$  | 2.815    | 5.815    | 9.815    | 1.815    |

### Section 27

| Question Content                          | Option 1 | Option 2 | Option 3 | Option 4 |
|---|----------|----------|----------|----------|
| $97 \times 32 = \underline{\hspace{1cm}}$ | 3108     | 3098     | 3104     | 3110     |
| $87 \times 24 = \underline{\hspace{1cm}}$ | 2088     | 2084     | 2090     | 2086     |
| $39 \times 89 = \underline{\hspace{1cm}}$ | 3469     | 3474     | 3475     | 3471     |
| $48 \times 10 = \underline{\hspace{1cm}}$ | 487      | 480      | 482      | 481      |
| $85 \times 24 = \underline{\hspace{1cm}}$ | 2042     | 2040     | 2047     | 2041     |
| $50 \times 98 = \underline{\hspace{1cm}}$ | 4891     | 4892     | 4901     | 4900     |
| $10 \times 72 = \underline{\hspace{1cm}}$ | 721      | 723      | 726      | 720      |
| $82 \times 96 = \underline{\hspace{1cm}}$ | 7869     | 7875     | 7872     | 7881     |
| $33 \times 93 = \underline{\hspace{1cm}}$ | 3069     | 3071     | 3068     | 3067     |
| $36 \times 38 = \underline{\hspace{1cm}}$ | 1361     | 1375     | 1368     | 1362     |

### Section 28

| Question Content  | Option 1 | Option 2 | Option 3 | Option 4 |
|---|----------|----------|----------|----------|
| Half of 182 - Triple of 18 = $\underline{\hspace{1cm}}$ | 39       | 31       | 36       | 37       |
| Half of 168 - Triple of 23 = $\underline{\hspace{1cm}}$ | 14       | 23       | 20       | 15       |
| Half of 130 - Triple of 19 = $\underline{\hspace{1cm}}$ | 14       | 5        | 8        | 15       |
| Half of 174 - Triple of 12 = $\underline{\hspace{1cm}}$ | 48       | 50       | 51       | 47       |
| Half of 168 - Triple of 19 = $\underline{\hspace{1cm}}$ | 26       | 25       | 27       | 21       |
| Half of 192 + Double of 83 = $\underline{\hspace{1cm}}$ | 262      | 254      | 264      | 255      |
| Half of 192 + Double of 12 = $\underline{\hspace{1cm}}$ | 112      | 122      | 120      | 126      |
| Half of 170 + Double of 65 = $\underline{\hspace{1cm}}$ | 213      | 215      | 209      | 210      |
| Half of 134 + Double of 89 = $\underline{\hspace{1cm}}$ | 239      | 246      | 245      | 243      |



|                                  |      |      |      |      |
|----------------------------------|------|------|------|------|
| Half of 110 + Double of 44 = __  | 144  | 151  | 149  | 143  |
| Double of 870 - Half of 338 = __ | 1567 | 1573 | 1571 | 1566 |
| Double of 991 - Half of 282 = __ | 1833 | 1838 | 1841 | 1847 |
| Double of 702 - Half of 212 = __ | 1300 | 1302 | 1298 | 1293 |
| Double of 195 - Half of 66 = __  | 351  | 349  | 357  | 355  |
| Double of 421 - Half of 200 = __ | 747  | 751  | 744  | 742  |
| Half of 178 + Half of 192 = __   | 185  | 193  | 188  | 181  |
| Half of 156 + Half of 152 = __   | 155  | 151  | 154  | 147  |
| Half of 104 + Half of 104 = __   | 96   | 99   | 104  | 113  |
| Half of 148 + Half of 138 = __   | 136  | 139  | 143  | 142  |
| Half of 132 + Half of 172 = __   | 160  | 149  | 152  | 144  |