



Mental Math World Cup 2027

Grand Master Category(Ages : 12 years and above)

Practice Sheet 5

Section 1

1) $9 + 3 + 5 =$

2) $17 + 14 + 5 =$

3) $8 + 6 + 12 =$

4) $27 + 12 - 5 =$

5) $68 - 10 - 20 =$



Section 2

- 1) Double of 10 =
- 2) Double of 24 =
- 3) Double of 9 =
- 4) Double of 15 =
- 5) Double of 56 =

Section 3

- 1) Triple of 12 =
- 2) Triple of 16 =
- 3) Triple of 25 =
- 4) Triple of 33 =
- 5) Triple of 39 =



Section 4

1) $32 + 8 + 5 =$

2) $76 + 9 + 3 =$

3) $54 + 7 + 8 =$

4) $21 + 9 + 3 =$

5) $71 + 2 =$

6) $44 + 5 =$

7) $98 + 6 =$

8) $60 - 12 - 3 =$

9) $30 - 5 - 7 =$

10) $91 - 17 - 9 =$



Section 5

- 1) Double of 432 =
- 2) Double of 93 =
- 3) Double of 825 =
- 4) Double of 559 =
- 5) Double of 717 =

Section 6

- 1) Half of 600 =
- 2) Half of 320 =
- 3) Half of 1000 =
- 4) Half of 464 =
- 5) Half of 880 =



Section 7

- 1) Triple of 147 =
- 2) Triple of 153 =
- 3) Triple of 244 =
- 4) Triple of 384 =
- 5) Triple of 499 =

Section 8

- 1) Selling Price = 920, Cost Price = 710, Profit =
- 2) Selling Price = 465, Cost Price = 275, Profit =
- 3) Selling Price = 570, Cost Price = 480, Profit =
- 4) Cost Price = 320, Selling Price = 280, Loss =
- 5) Cost Price = 920, Selling Price = 860, Loss =



Section 9

1) $4 \times 11 =$

2) $8 \times 6 =$

3) $20 \times 2 =$

4) $14 \times 5 =$

5) $3 \times 15 =$

6) $9 \times 3 \times 7 =$

7) $13 \times 2 \times 3 =$

8) $6 \times 6 \times 9 =$

9) $10 \times 11 =$

10) $7 \times 8 =$



Section 10

- 1) Double of 18 + Half of 72 =
- 2) Half of 160 - Double of 30 =
- 3) Double of 79 + Half of 48 =
- 4) Half of 98 - Double of 19 =
- 5) Double of 51 + Half of 92 =

Section 11

Squaring Numbers

- 1) $8^2 =$
- 2) $16^2 =$
- 3) $21^2 =$
- 4) $32^2 =$
- 5) $41^2 =$



Section 12

1) $426 + 21 =$

2) $852 - 67 =$

3) $215 + 48 - 13 =$

4) $987 - 76 + 19 =$

5) $648 + 57 - 37 =$

6) $372 - 29 + 6 =$

7) $789 - 83 - 17 =$

8) $345 + 53 - 15 =$

9) $1123 - 98 - 34 =$

10) $934 + 42 - 47 =$



Section 13

- 1) $259 + 174 =$
- 2) $738 + 681 =$
- 3) $124 + 352 =$
- 4) $820 + 297 =$
- 5) $2374 + 1689 =$



Section 14

- 1) $72 / 8$ Quotient =
- 2) $162 / 9$ Quotient =
- 3) $294 / 6$ Quotient =
- 4) $630 / 10$ Quotient =
- 5) $936 / 9$ Quotient =
- 6) $500 / 25$ Quotient =
- 7) $54 / 6$ Quotient =
- 8) $89 / 8$ Remainder =
- 9) $409 / 12$ Remainder =
- 10) $121 / 11$ Remainder =



Section 15

- 1) $24:3 =$
- 2) $40:160 =$
- 3) $63:567 =$
- 4) $35:245 =$
- 5) $350:35 =$

Section 16

- 1) $23 \times 10 =$
- 2) $47 \times 10 =$
- 3) $94 \times 100 =$
- 4) $8963 \times 100 =$
- 5) $7563 \times 0 =$



Section 17

- 1) $0.1 \times 100 =$
- 2) $2.5 \times 100 =$
- 3) $5.6 \times 10 =$
- 4) $1.23 \times 1000 =$
- 5) $0.005 \times 1000 =$

Section 18

- 1) $3.25 / 100 =$
- 2) $6.8 / 1000 =$
- 3) $9.6 / 100 =$
- 4) $1.23 / 1000 =$
- 5) $4.95 / 100 =$



Section 19

- 1) 12, 20, 28 Mean =
- 2) 6, 10, 20, 40 Mean =
- 3) 15, 30, 45, 74 Mean =
- 4) 7, 19, 26, 28, 35, 47 Mean =
- 5) 100, 200, 300, 400, 500 Mean =

Section 20

- 1) 15% of 200 =
- 2) 50% of 80 =
- 3) 75% of 240 =
- 4) 12% of 5000 =
- 5) 35% of 800 =



Section 21

- 1) Find the HCF of 36, 48 =
- 2) Find the HCF of 72, 90 =
- 3) Find the LCM of 20, 25 =
- 4) Find the LCM of 18, 30 =
- 5) Find the LCM of 24, 36 =

Section 22

- 1) $92 \times 126 =$
- 2) $346 \times 129 =$
- 3) $511 \times 237 =$
- 4) $925 \times 313 =$
- 5) $1756 \times 412 =$



Section 23

- 1) Prime factors of 54 =
- 2) Prime factors of 100 =
- 3) Prime factors of 126 =
- 4) Prime factors of 144 =
- 5) Prime factors of 210 =

Section 24

Square Root -Perfect Square

- 1) $\sqrt{1936} =$
- 2) $\sqrt{2401} =$
- 3) $\sqrt{1089} =$
- 4) $\sqrt{3721} =$
- 5) $\sqrt{5476} =$



Section 25

Cube root

1) $\sqrt[3]{1331} =$

2) $\sqrt[3]{2197} =$

3) $\sqrt[3]{4913} =$

4) $\sqrt[3]{8000} =$

5) $\sqrt[3]{10648} =$