



Mental Math World Cup 2027
Grandmaster Category (Ages : 12 years & above)

Practice Sheet 4

Section 1

- 1) $6 + 7 + 5 =$
- 2) $22 + 8 + 3 =$
- 3) $13 + 4 + 9 =$
- 4) $45 - 7 + 8 =$
- 5) $84 - 6 - 12 =$

Section 2

- 1) Double of 18 =
- 2) Double of 6 =
- 3) Double of 27 =
- 4) Double of 13 =
- 5) Double of 42 =



Section 3

- 1) Triple of 17 =
- 2) Triple of 22 =
- 3) Triple of 29 =
- 4) Triple of 31 =
- 5) Triple of 46 =



Section 4

1) $66 + 5 + 4 =$

2) $79 + 6 + 3 =$

3) $82 + 8 + 7 =$

4) $35 + 5 + 6 =$

5) $82 + 9 =$

6) $29 + 6 =$

7) $72 + 9 =$

8) $76 - 44 - 10 =$

9) $52 - 21 - 11 =$

10) $76 - 42 - 12 =$



Section 5

- 1) Double of 309 =
- 2) Double of 178 =
- 3) Double of 701 =
- 4) Double of 444 =
- 5) Double of 600 =

Section 6

- 1) Half of 250 =
- 2) Half of 420 =
- 3) Half of 550 =
- 4) Half of 722 =
- 5) Half of 820 =



Section 7

- 1) Triple of 117 =
- 2) Triple of 198 =
- 3) Triple of 281 =
- 4) Triple of 355 =
- 5) Triple of 420 =

Section 8

- 1) Selling Price = 530, Cost Price = 370, Profit =
- 2) Selling Price = 783, Cost Price = 475, Profit =
- 3) Selling Price = 290, Cost Price = 210, Profit =
- 4) Cost Price = 380, Selling Price = 340, Loss =
- 5) Cost Price = 642, Selling Price = 480, Loss =



Section 9

1) $12 \times 7 =$

2) $9 \times 5 =$

3) $16 \times 3 =$

4) $25 \times 8 =$

5) $6 \times 18 =$

6) $11 \times 4 \times 3 =$

7) $20 \times 2 \times 2 =$

8) $7 \times 7 \times 7 =$

9) $14 \times 12 =$

10) $22 \times 9 =$



Section 10

- 1) Double of 20 + Half of 56 =
- 2) Half of 200 - Double of 45 =
- 3) Double of 84 + Half of 64 =
- 4) Half of 120 - Double of 23 =
- 5) Double of 67 + Half of 84 =

Section 11

Squaring Numbers

- 1) $13^2 =$
- 2) $20^2 =$
- 3) $25^2 =$
- 4) $37^2 =$
- 5) $45^2 =$



Section 12

1) $268 + 36 =$

2) $570 - 35 =$

3) $413 + 26 - 7 =$

4) $725 - 62 + 15 =$

5) $882 + 38 - 28 =$

6) $496 - 32 + 5 =$

7) $634 - 57 - 11 =$

8) $287 + 38 - 9 =$

9) $925 - 85 - 29 =$

10) $754 + 37 - 42 =$



Section 13

a. $187 + 258 =$

b. $532 + 349 =$

c. $416 + 191 =$

d. $625 + 389 =$

e. $1872 + 1298 =$



Section 14

- 1) $64 / 8$ Quotient =
- 2) $135 / 9$ Quotient =
- 3) $264 / 6$ Quotient =
- 4) $420 / 10$ Quotient =
- 5) $810 / 9$ Quotient =
- 6) $375 / 25$ Quotient =
- 7) $47 / 6$ Remainder =
- 8) $67 / 8$ Remainder =
- 9) $339 / 12$ Remainder =
- 10) $549 / 25$ Remainder =



Section 15

11) $72:9 =$

12) $50:200 =$

13) $36:324 =$

14) $90:630 =$

15) $150:15 =$

Section 16

1) $44 \times 10 =$

2) $55 \times 10 =$

3) $78 \times 100 =$

4) $7862 \times 100 =$

5) $5656 \times 0 =$



Section 17

1) $0.8 \times 100 =$

2) $1.25 \times 100 =$

3) $6.7 \times 10 =$

4) $12.8 \times 1000 =$

5) $0.03 \times 1000 =$

Section 18

1) $0.82 / 1000 =$

2) $7.5 / 100 =$

3) $2.5 / 1000 =$

4) $0.65 / 100 =$

5) $5.36 / 1000 =$



Section 19

- 1) 25, 50, 75 Mean =
- 2) 18, 25, 41 Mean =
- 3) 10, 20, 30, 40, 50 Mean =
- 4) 15, 25, 35, 45, 55 Mean =
- 5) 80, 70, 60, 50 Mean =

Section 20

- 1) 8% of 250 =
- 2) 25% of 1200 =
- 3) 60% of 90 =
- 4) 12% of 5000 =
- 5) 40% of 625 =



Section 21

- 1) Find the HCF of 56, 84 =
- 2) Find the HCF of 63, 81 =
- 3) Find the LCM of 30, 45 =
- 4) Find the LCM of 16, 28 =
- 5) Find the LCM of 72, 90 =

Section 22

- 1) $185 \times 224 =$
- 2) $279 \times 148 =$
- 3) $478 \times 133 =$
- 4) $731 \times 217 =$
- 5) $1456 \times 898 =$



Section 23

- 1) Prime Factors of 72 =
- 2) Prime Factors of 120 =
- 3) Prime Factors of 90 =
- 4) Prime Factors of 84 =
- 5) Prime Factors of 168 =

Section 24

Square Root -Perfect Square

- 1) $\sqrt{1764} =$
- 2) $\sqrt{3249} =$
- 3) $\sqrt{1369} =$
- 4) $\sqrt{2116} =$
- 5) $\sqrt{6084} =$



Section 25

Cube Root

1) $\sqrt[3]{1728} =$

2) $\sqrt[3]{46656} =$

3) $\sqrt[3]{438976} =$

4) $\sqrt[3]{729000} =$

5) $\sqrt[3]{110592} =$