



# **Bahrain Mental Math Olympiad 2025**

## **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)  $\sqrt[3]{10648} =$