



Azerbaijan Mental Math Olympiad 2023

Practice Sheet 2 for Master Category(Age : 9 years to 11 years)

Section 1

1) $6 + 3 + 5 =$

2) $9 + 8 + 1 =$

3) $4 + 2 + 7 =$

4) $5 + 3 + 9 =$

5) $7 + 6 + 1 =$

6) $9 + 4 - 1 =$

7) $8 + 2 - 2 =$

8) $6 + 7 - 4 =$

9) $5 + 2 - 6 =$

10) $3 + 8 - 5 =$



Section 2

1) $29 + 3 =$

2) $56 + 8 =$

3) $17 + 6 =$

4) $91 + 4 =$

5) $62 - 4 =$

6) $84 - 5 =$

7) $47 - 8 =$

8) $79 + 5 =$

9) $55 + 6 =$

10) $32 - 3 =$



Section 3

1. Double of 7 + Half of 8 =

2. Double of 4 + Half of 6 =

3. Double of 5 + Half of 4 =

4. Double of 8 + Half of 2 =

5. Double of 6 + Half of 6 =

Section 4

1) Half of 24 - Double of 4 =

2) Half of 48 - Double of 5 =

3) Half of 36 - Double of 2 =

4) Half of 62 - Double of 7 =

5) Half of 60 - Double of 6 =



Section 5

1) $32 + 6 + 4 =$

2) $88 + 4 + 2 =$

3) $64 + 7 - 4 =$

4) $37 + 5 - 6 =$

5) $21 + 9 - 3 =$

Section 6

1) $25 \times 10 =$

2) $42 \times 10 =$

3) $75 \times 100 =$

4) $91 \times 100 =$

5) $4444 \times 100 =$



Section 7

1) $7 \times 0 =$

2) $12 \times 0 =$

3) $9 \times 0 \times 5 =$

4) $16 \times 0 \times 2 =$

5) $20 \times 0 \times 8 =$



Section 8

1) $4^2 =$

2) $6^2 =$

3) $9^2 =$

4) $4^3 =$

5) $3^3 =$

6) $4^2 + 6^2 =$

7) $5^2 + 7^2 =$

8) $3^3 - 2^2 =$

9) $6^2 + 2^2 + 1^2 =$

10) $7^2 + 3^2 - 2^2 =$



Section 9

- 1) Double of 8 =
- 2) Double of 16 =
- 3) Double of 22 =
- 4) Double of 40 =
- 5) Double of 50 =

Section 10

- 1) Half of 20 =
- 2) Half of 48 =
- 3) Half of 14 =
- 4) Half of 72 =
- 5) Half of 30 =



Section 11

- 1) Triple of 9 =
- 2) Triple of 18 =
- 3) Triple of 24 =
- 4) Triple of 30 =
- 5) Triple of 45 =



Section 12

- 1) Double of 12 - Half of 4 =
- 2) Double of 18 - Half of 8 =
- 3) Double of 10 + Triple of 2 =
- 4) Double of 30 + Triple of 3 =
- 5) Double of 14 + Half of 24 =
- 6) Double of 20 + Half of 18 =
- 7) Half of 102 =
- 8) Half of 460 =
- 9) Half of 774 =
- 10) Half of 50 - Triple of 5 =



Section 13

1) $42 \times 5 =$

2) $17 \times 9 =$

3) $28 \times 6 =$

4) $60 \times 3 =$

5) $80 \times 2 =$



Section 14

1) $49 + 24 =$

2) $68 + 11 =$

3) $82 + 13 =$

4) $49 + 36 =$

5) $63 + 27 =$

6) $88 - 43 =$

7) $59 - 29 =$

8) $76 - 48 =$

9) $53 - 22 =$

10) $75 - 35 =$



Section 15

1) $(2 + 3) \times (9 + 1) =$

2) $(3 + 5) \times (5 + 1) =$

3) $(9 + 6) \times (6 + 2) =$

4) $(4 + 6) \times (8 + 2) =$

5) $(5 + 7) \times (7 + 3) =$

Section 16

1) 20, 25, 30 Mean =

2) 10, 20, 30 Mean =

3) 18, 24, 36 Mean =

4) 40, 50, 60 Mean =

5) 16, 24, 32 Mean =



Section 17

Please Note: Abbreviation "SP" means Selling Price, "CP" means Cost Price

- 1) Selling Price = 75, Cost Price = 50 Profit =
- 2) Selling Price = 80, Cost Price = 60 Profit =
- 3) Selling Price = 200, Cost Price = 160 Profit =
- 4) Selling Price = 420, Cost Price = 360 Profit =
- 5) Cost Price = 50, Selling Price = 40, Loss =



Section 18

- 1) $80 / 4 =$
- 2) $48 / 8 =$
- 3) $360 / 9 =$
- 4) $150 / 5 =$
- 5) $270 / 3 =$

Section 19

- 6) $20\% \text{ of } 150 =$
- 7) $30\% \text{ of } 90 =$
- 8) $40\% \text{ of } 120 =$
- 9) $75\% \text{ of } 80 =$
- 10) $15\% \text{ of } 200 =$

Section 20

1) $3.75 \times 100 =$

2) $8.25 \times 100 =$

3) $0.8 \times 1000 =$

4) $2.5 \times 1000 =$

5) $0.67 \times 100 =$