



Azerbaijan Mental Math Olympiad 2023

Practice Sheet 1 for Master Category(Age : 9 years to 11 years)

Section 1

1) $2 + 3 + 9 =$

2) $6 + 7 + 5 =$

3) $8 + 1 + 6 =$

4) $4 + 9 + 3 =$

5) $2 + 8 + 6 =$

6) $5 + 2 - 1 =$

7) $9 - 1 + 4 =$

8) $3 - 1 + 7 =$

9) $4 - 2 + 6 =$

10) $7 - 3 + 9 =$



Section 2

1) $18 + 6 =$

2) $27 + 9 =$

3) $12 + 8 =$

4) $63 + 5 =$

5) $79 - 2 =$

6) $42 - 4 =$

7) $56 - 7 =$

8) $91 + 7 =$

9) $35 + 9 =$

10) $47 + 6 =$



Section 3

- 1) Double of 3 + Half of 10 =
- 2) Double of 9 + Half of 4 =
- 3) Double of 2 + Half of 8 =
- 4) Double of 6 + Half of 6 =
- 5) Double of 10 + Half of 4 =

Section 4

- 1) Half of 18 - Double of 2 =
- 2) Half of 28 - Double of 3 =
- 3) Half of 42 - Double of 4 =
- 4) Half of 20 - Double of 1 =
- 5) Half of 50 - Double of 8 =



Section 5

1) $12 + 8 + 6 =$

2) $43 + 3 + 9 =$

3) $57 - 5 + 3 =$

4) $76 + 2 + 1 =$

5) $29 + 6 + 5 =$

Section 6

1) $45 \times 10 =$

2) $22 \times 10 =$

3) $83 \times 100 =$

4) $51 \times 100 =$

5) $6644 \times 100 =$



Section 7

1) $3 \times 0 =$

2) $55 \times 0 =$

3) $6 \times 0 \times 5 =$

4) $12 \times 0 \times 2 =$

5) $50 \times 0 \times 8 =$



Section 8

1) $5^2 =$

2) $8^2 =$

3) $10^2 =$

4) $5^3 =$

5) $2^3 =$

6) $3^2 + 4^2 =$

7) $6^2 + 8^2 =$

8) $4^3 - 2^3 =$

9) $5^2 + 6^2 + 1^2 =$

10) $9^2 - 5^2 - 2^2 =$



Section 9

- 1) Double of 5 =
- 2) Double of 12 =
- 3) Double of 18 =
- 4) Double of 33 =
- 5) Double of 41 =

Section 10

- 1) Half of 40 =
- 2) Half of 64 =
- 3) Half of 18 =
- 4) Half of 90 =
- 5) Half of 56 =



Section 11

- 1) Triple of 5 =
- 2) Triple of 12 =
- 3) Triple of 7 =
- 4) Triple of 15 =
- 5) Triple of 20 =



Section 12

- 1) Double of 15 - Half of 4 =
- 2) Double of 24 - Half of 6 =
- 3) Double of 11 + Triple of 3 =
- 4) Double of 35 + Triple of 5 =
- 5) Double of 16 + Half of 30 =
- 6) Double of 25 + Half of 20 =
- 7) Half of 150 =
- 8) Half of 888 =
- 9) Half of 612 =
- 10) Half of 70 - Triple of 7 =



Section 13

1) $13 \times 7 =$

2) $25 \times 4 =$

3) $14 \times 8 =$

4) $48 \times 5 =$

5) $36 \times 6 =$



Section 14

1) $27 + 18 =$

2) $42 + 13 =$

3) $91 + 8 =$

4) $65 + 34 =$

5) $52 + 48 =$

6) $64 - 29 =$

7) $87 - 57 =$

8) $39 - 14 =$

9) $66 - 33 =$

10) $92 - 49 =$



Section 15

1) $(4 + 5) \times (9 + 1) =$

2) $(7 + 3) \times (4 + 6) =$

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

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

5) $(8 + 4) \times (7 + 1) =$

Section 16

1) 5, 10, 15 Mean =

2) 12, 15, 18 Mean =

3) 21, 35, 43 Mean =

4) 25, 30, 35 Mean =

5) 7, 14, 21 Mean =



Section 17

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

- 1) Selling Price = 90, Cost Price = 60, Profit =
- 2) Selling Price = 160, Cost Price = 120, Profit =
- 3) Selling Price = 350, Cost Price = 280, Profit =
- 4) Selling Price = 600, Cost Price = 450, Profit =
- 5) Cost Price = 80, Selling Price = 70, Loss =



Section 18

1) $96 / 6 =$

2) $64 / 8 =$

3) $500 / 10 =$

4) $120 / 6 =$

5) $200 / 4 =$

Section 19

1) $25\% \text{ of } 80 =$

2) $50\% \text{ of } 160 =$

3) $10\% \text{ of } 250 =$

4) $60\% \text{ of } 120 =$

5) $35\% \text{ of } 400 =$



Section 20

1) $6.25 \times 100 =$

2) $12.5 \times 100 =$

3) $1.6 \times 1000 =$

4) $5.5 \times 1000 =$

5) $1.33 \times 100 =$