

Basic Operations

MCQ Test, Set 04

Time: 30 minutes

Maximum marks: 25

Name: _____ Class: _____ Date: _____

1. There are 25 questions. Each has exactly one correct answer: choose A, B, C or D.
2. Each correct answer carries 1 mark. There is no negative marking.
3. The key sheet and worked solutions are at the end of this test.

1. $9 - 3 =$

- A.** 5 **B.** 12 **C.** 7 **D.** 6

2. $2 + \square = 3$. The number in the box is

- A.** 3 **B.** 1 **C.** 2 **D.** 5

3. On the number line, start at 40 and jump back 7 steps. You land on

- A.** 33 **B.** 47 **C.** 34 **D.** 32

4. $84 - 3 =$

- A.** 81 **B.** 80 **C.** 87 **D.** 54

5. $65 - 5 =$

- A.** 59 **B.** 70 **C.** 15 **D.** 60

6. By the 1st method, $81 - 7 = 80 - \square$. The number in the box is

- A.** 7 **B.** 1 **C.** 8 **D.** 6

7. $31 - 3 =$

- A.** 28 **B.** 32 **C.** 34 **D.** 38

8. $97 - 20 =$

- A.** 87 **B.** 117 **C.** 77 **D.** 95

9. $85 - 67 =$

- A.** 22 **B.** 18 **C.** 28 **D.** 152

10. $98 - 83 =$

- A.** 25 **B.** 15 **C.** 16 **D.** 181

11. $220 - 2 =$

- A.** 222 **B.** 228 **C.** 218 **D.** 219

12.	$296 - 68 =$	A. 232	B. 364	C. 228	D. 238
13.	$100 - 51 =$	A. 48	B. 49	C. 51	D. 59
14.	$100 - 5 =$	A. 96	B. 5	C. 105	D. 95
15.	$101 - 2 =$	A. 89	B. 100	C. 101	D. 99
16.	$161 - 72 =$	A. 99	B. 189	C. 89	D. 111
17.	$50 + 39 =$	A. 89	B. 79	C. 99	D. 44
18.	$60 + 60 =$	A. 12	B. 120	C. 110	D. 130
19.	$26 + 31 =$	A. 47	B. 67	C. 58	D. 57
20.	In $3320 \div 8$, the first step is $33 \div 8$. The remainder after this step is	A. 4	B. 1	C. 7	D. 9
21.	$1134 \div 7 =$	A. 1062	B. 152	C. 162	D. 163
22.	$896918 \div 2 =$	A. 448459	B. 448460	C. 4048459	D. 448449
23.	$16784 \div 8 =$	A. 298	B. 20098	C. 2980	D. 2098
24.	$7188 \div 12 =$	A. 5099	B. 600	C. 599	D. 598
25.	$\frac{40}{4} =$	A. 10	B. 11	C. 160	D. 36

Key sheet

1. D	2. B	3. A	4. A	5. D
6. D	7. A	8. C	9. B	10. B
11. C	12. C	13. B	14. D	15. D
16. C	17. A	18. B	19. D	20. B
21. C	22. A	23. D	24. C	25. A

Solutions

1. $9 - 3 =$

Count back 3 from 9.

$$9 - 3 = 6$$

Ans: (D) 6

2. $2 + \square = 3$. The number in the box is

$$\square = 3 - 2 = 1$$

Check: $2 + 1 = 3$

Ans: (B) 1

3. On the number line, start at 40 and jump back 7 steps. You land on

Jumping back 7 steps from 40 means $40 - 7$.

$$40 = 30 + 10 \text{ and } 10 - 7 = 3, \text{ so } 40 - 7 = 30 + 3 = 33$$

Ans: (A) 33

4. $84 - 3 =$

Take 3 from the units digit: $4 - 3 = 1$; the tens digit 8 stays.

$$84 - 3 = 81$$

Ans: (A) 81

5. $65 - 5 =$

Take 5 from the units digit: $5 - 5 = 0$; the tens digit 6 stays.

$$65 - 5 = 60$$

Ans: (D) 60

6. By the 1st method, $81 - 7 = 80 - \square$. The number in the box is

1st method: take 1 out of 7 first ($7 - 1 = 6$): $81 - 7 = 80 - 6 = 74$

So the box is 6

Ans: (D) 6

7. $31 - 3 =$

1st method: take 1 out of 3 first ($3 - 1 = 2$): $31 - 3 = 30 - 2 = 28$

Ans: (A) 28

8. $97 - 20 =$

Take 2 tens from 9 tens: $9 - 2 = 7$; the units digit 7 stays.

$$97 - 20 = 77$$

Ans: (C) 77

9. $85 - 67 =$

2nd method: add 3 to both: $85 - 67 = 88 - 70 = 18$

Ans: (B) 18

10. $98 - 83 =$

units $8 - 3 = 5$, tens $9 - 8 = 1$: $98 - 83 = 15$

Ans: (B) 15

11. $220 - 2 =$

$220 = 210 + 10$ and $10 - 2 = 8$, so $220 - 2 = 210 + 8 = 218$

Ans: (C) 218

12. $296 - 68 =$

2nd method: add 2 to both: $296 - 68 = 298 - 70 = 228$

Ans: (C) 228

13. $100 - 51 =$

Take away the tens first: $100 - 50 = 50$

$100 - 51 = 50 - 1 = 49$

Ans: (B) 49

14. $100 - 5 =$

$100 = 90 + 10$ and $10 - 5 = 5$

$100 - 5 = 90 + 5 = 95$

Ans: (D) 95

15. $101 - 2 =$

Take 1 from both: $101 - 2 = 100 - 1$

$100 - 1 = 99$

Ans: (D) 99

16. $161 - 72 =$

3rd method: $161 - 100 = 61$ and $100 - 72 = 28$

$161 - 72 = 61 + 28 = 89$

Ans: (C) 89

17. $50 + 39 =$

Add the tens: $50 + 30 = 80$; the units digit 9 stays.

$50 + 39 = 89$

Ans: (A) 89

18. $60 + 60 =$

6 tens + 6 tens = 12 tens

$60 + 60 = 120$

Ans: (B) 120

19. $26 + 31 =$

Tens: $20 + 30 = 50$

Units: $6 + 1 = 7$

$26 + 31 = 50 + 7 = 57$

Ans: (D) 57

20. In $3320 \div 8$, the first step is $33 \div 8$. The remainder after this step is

$8 \times 4 = 32$ is the biggest number in the 8 table that is not more than 33.

$33 - 32 = 1$

Ans: (B) 1

21. $1134 \div 7 =$

Long division with the 7 table gives 162.

Check: $7 \times 162 = 1134$

Ans: (C) 162

22. $896918 \div 2 =$

Divide digit by digit with the 2 table: $896918 \div 2 = 448459$

Check: $2 \times 448459 = 896918$

Ans: (A) 448459

23. $16784 \div 8 =$

When a brought-down number is less than 8, a 0 goes in the quotient.

$16784 \div 8 = 2098$ (check: $8 \times 2098 = 16784$)

Ans: (D) 2098

24. $7188 \div 12 =$

Long division with the 12 table gives 599.

Check: $12 \times 599 = 7188$

Ans: (C) 599

25. $\frac{40}{4} =$

$\frac{40}{4}$ means $40 \div 4$.

$4 \times 10 = 40$, so $\frac{40}{4} = 10$

Ans: (A) 10
