

Basic Operations

MCQ Test, Set 02

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. $7 - 4 =$

- A.** 11 **B.** 4 **C.** 3 **D.** 2

2. $7 + \square = 8$. The number in the box is

- A.** 1 **B.** 8 **C.** 15 **D.** 2

3. On the number line, start at 60 and jump back 4 steps. You land on

- A.** 56 **B.** 55 **C.** 57 **D.** 64

4. $55 - 3 =$

- A.** 25 **B.** 52 **C.** 58 **D.** 51

5. $59 - 7 =$

- A.** 53 **B.** 51 **C.** 66 **D.** 52

6. By the 2nd method, $73 - 8 = \square - 10$. The number in the box is

- A.** 65 **B.** 71 **C.** 75 **D.** 81

7. $52 - 9 =$

- A.** 61 **B.** 43 **C.** 57 **D.** 53

8. $77 - 30 =$

- A.** 57 **B.** 74 **C.** 107 **D.** 47

9. By the 2nd method, $94 - 56 = \square - 60$. The number in the box is

- A.** 98 **B.** 90 **C.** 38 **D.** 100

10. $48 - 27 =$

- A.** 31 **B.** 22 **C.** 75 **D.** 21

11. $440 - 7 =$

- A.** 433 **B.** 434 **C.** 443 **D.** 447

12. $350 - 18 =$
A. 342 B. 332 C. 368 D. 348
-
13. $100 - 36 = \square - 6$. The number in the box is
A. 60 B. 80 C. 70 D. 64
-
14. $100 - 40 =$
A. 60 B. 140 C. 70 D. 50
-
15. $160 - 80 =$
A. 80 B. 180 C. 120 D. 240
-
16. $115 - 28 =$
A. 97 B. 87 C. 113 D. 187
-
17. $50 + 72 =$
A. 122 B. 77 C. 112 D. 132
-
18. $90 + 10 =$
A. 110 B. 90 C. 10 D. 100
-
19. $84 + 75 =$
A. 169 B. 149 C. 59 D. 159
-
20. In $1512 \div 2$, the first step is $15 \div 2$. The remainder after this step is
A. 5 B. 7 C. 1 D. 3
-
21. $1152 \div 4 =$
A. 278 B. 288 C. 289 D. 2088
-
22. $532690 \div 5 =$
A. 16538 B. 106539 C. 1006538 D. 106538
-
23. $30435 \div 5 =$
A. 687 B. 6870 C. 6087 D. 60087
-
24. $3652 \div 11 =$
A. 331 B. 332 C. 333 D. 3032
-
25. $\frac{40}{5} =$
A. 200 B. 35 C. 8 D. 9
-

Key sheet

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

Solutions

1. $7 - 4 =$

Count back 4 from 7.

$$7 - 4 = 3$$

Ans: (C) 3

2. $7 + \square = 8$. The number in the box is

$$\square = 8 - 7 = 1$$

Check: $7 + 1 = 8$

Ans: (A) 1

3. On the number line, start at 60 and jump back 4 steps. You land on

Jumping back 4 steps from 60 means $60 - 4$.

$$60 = 50 + 10 \text{ and } 10 - 4 = 6, \text{ so } 60 - 4 = 50 + 6 = 56$$

Ans: (A) 56

4. $55 - 3 =$

Take 3 from the units digit: $5 - 3 = 2$; the tens digit 5 stays.

$$55 - 3 = 52$$

Ans: (B) 52

5. $59 - 7 =$

Take 7 from the units digit: $9 - 7 = 2$; the tens digit 5 stays.

$$59 - 7 = 52$$

Ans: (D) 52

6. By the 2nd method, $73 - 8 = \square - 10$. The number in the box is

2nd method: add 2 to both: $73 - 8 = 75 - 10 = 65$

So the box is 75

Ans: (C) 75

7. $52 - 9 =$

1st method: take 2 out of 9 first ($9 - 2 = 7$): $52 - 9 = 50 - 7 = 43$

Ans: (B) 43

8. $77 - 30 =$

Take 3 tens from 7 tens: $7 - 3 = 4$; the units digit 7 stays.

$$77 - 30 = 47$$

Ans: (D) 47

9. By the 2nd method, $94 - 56 = \square - 60$. The number in the box is

Add 4 to both numbers so that 56 becomes 60.

$94 - 56 = 98 - 60$, so the box is 98

Ans: (A) 98

10. $48 - 27 =$

units $8 - 7 = 1$, tens $4 - 2 = 2$: $48 - 27 = 21$

Ans: (D) 21

11. $440 - 7 =$

$440 = 430 + 10$ and $10 - 7 = 3$, so $440 - 7 = 430 + 3 = 433$

Ans: (A) 433

12. $350 - 18 =$

2nd method: add 2 to both: $350 - 18 = 352 - 20 = 332$

Ans: (B) 332

13. $100 - 36 = \square - 6$. The number in the box is

Take away the tens first: $100 - 30 = 70$

So $100 - 36 = 70 - 6$; the box is 70

Ans: (C) 70

14. $100 - 40 =$

10 tens $- 4$ tens $= 6$ tens

$100 - 40 = 60$

Ans: (A) 60

15. $160 - 80 =$

Take 60 from both: $160 - 80 = 100 - 20$

$100 - 20 = 80$

Ans: (A) 80

16. $115 - 28 =$

3rd method: $115 - 100 = 15$ and $100 - 28 = 72$

$115 - 28 = 15 + 72 = 87$

Ans: (B) 87

17. $50 + 72 =$

Add the tens: $50 + 70 = 120$; the units digit 2 stays.

$50 + 72 = 122$

Ans: (A) 122

18. $90 + 10 =$

9 tens + 1 ten = 10 tens

$$90 + 10 = 100$$

Ans: (D) 100

19. $84 + 75 =$

Tens: $80 + 70 = 150$

Units: $4 + 5 = 9$

$$84 + 75 = 150 + 9 = 159$$

Ans: (D) 159

20. In $1512 \div 2$, the first step is $15 \div 2$. The remainder after this step is

$2 \times 7 = 14$ is the biggest number in the 2 table that is not more than 15.

$$15 - 14 = 1$$

Ans: (C) 1

21. $1152 \div 4 =$

Long division with the 4 table gives 288.

$$\text{Check: } 4 \times 288 = 1152$$

Ans: (B) 288

22. $532690 \div 5 =$

Divide digit by digit with the 5 table: $532690 \div 5 = 106538$

$$\text{Check: } 5 \times 106538 = 532690$$

Ans: (D) 106538

23. $30435 \div 5 =$

When a brought-down number is less than 5, a 0 goes in the quotient.

$$30435 \div 5 = 6087 \text{ (check: } 5 \times 6087 = 30435)$$

Ans: (C) 6087

24. $3652 \div 11 =$

Long division with the 11 table gives 332.

$$\text{Check: } 11 \times 332 = 3652$$

Ans: (B) 332

25. $\frac{40}{5} =$

$\frac{40}{5}$ means $40 \div 5$.

$$5 \times 8 = 40, \text{ so } \frac{40}{5} = 8$$

Ans: (C) 8
