

Basic Operations Test

Whole Numbers & Decimals - 25 Questions

Name: _____

Date: _____

Part I - Multiple Choice (1-10)

Choose the best answer.

1. $18.47 + 6.905 =$
A. 24.375 B. 25.375 C. 25.425 D. 87.52
2. $52.6 - 17.84 =$
A. 34.76 B. 35.24 C. 44.76 D. 34.86
3. $7.25 \times 4.8 =$
A. 3.48 B. 34.8 C. 348 D. 29.0
4. $45.36 \div 6 =$
A. 7.56 B. 75.6 C. 6.56 D. 7.06
5. $306 + 4,897 =$
A. 5,103 B. 5,203 C. 4,193 D. 5,293
6. $63.4 + 8.76 + 0.95 =$
A. 72.16 B. 73.11 C. 73.01 D. 64.3595
7. $90 - 27.685 =$
A. 62.315 B. 63.315 C. 72.315 D. 62.425
8. $3.06 \times 2.5 =$
A. 0.765 B. 7.65 C. 76.5 D. 5.56
9. $84.24 \div 1.2 =$
A. 7.02 B. 70.2 C. 702 D. 83.04
10. $2,184 \div 24 =$
A. 81 B. 91 C. 101 D. 111

Part II - Matching (11-17)

Match each problem in Column A with its answer in Column B. Write the letter on the blank. Each answer is used once.

- | | | |
|-----------|-------------------|----------|
| 11. _____ | $14.8 + 3.67$ | A. 31.15 |
| 12. _____ | $40.05 - 8.9$ | B. 22.4 |
| 13. _____ | 6.4×3.5 | C. 18.47 |
| 14. _____ | $72.9 \div 9$ | D. 6.8 |
| 15. _____ | $1,305 - 487$ | E. 818 |
| 16. _____ | 0.84×0.6 | F. 8.1 |
| 17. _____ | $16.32 \div 2.4$ | G. 0.504 |

Part III - Compute (18-22)

Show your work. Find each answer.

18. $63.708 + 19.46 =$

19. $100.5 - 37.829 =$

20. $12.6 \times 4.35 =$

21. $96.48 \div 3.2 =$

22. $5,607 - 2,849 =$

Part IV - Word Problems (23-25)

Write down ALL given information first. Cross out any information you do not need. Then solve. Show your work.

23. Maya has \$50.00. She buys a notebook for \$6.75, a pack of markers for \$8.49, and a water bottle for \$12.95. Her backpack weighs 9.4 pounds. How much money does Maya have left?

24. A coach buys 8 identical water jugs for \$14.75 each. The team has 26 players and practices 4 days this week. How much does the coach spend on the water jugs?

25. A pet boarding business uses 18.6 pounds of dog food equally over 6 days. The storage bin can hold 35 pounds of food. How many pounds of dog food are used each day?