

Mental Addition Strategies

Name: _____

Date: _____

Part 1: Making Tens

Add by making one number into a ten first. Show your thinking.

Example: $8 + 5 = 8 + 2 + 3 = 10 + 3 = 13$

1. $9 + 6 =$ _____

$9 + \underline{\quad} + \underline{\quad} = 10 + \underline{\quad} = \underline{\quad}$

2. $7 + 8 =$ _____

$7 + \underline{\quad} + \underline{\quad} = 10 + \underline{\quad} = \underline{\quad}$

3. $18 + 5 =$ _____

$18 + \underline{\quad} + \underline{\quad} = 20 + \underline{\quad} = \underline{\quad}$

4. $29 + 7 =$ _____

$29 + \underline{\quad} + \underline{\quad} = 30 + \underline{\quad} = \underline{\quad}$

Part 2: Using Number Bonds

Break apart numbers to make friendly additions.

Example: $26 + 8 = 26 + 4 + 4 = 30 + 4 = 34$

5. $35 + 9 =$ _____

6. $47 + 6 =$ _____

7. $54 + 8 =$ _____

8. $68 + 7 =$ _____

Part 3: Breaking Apart Both Numbers

Split both numbers into tens and ones, then add.

Example: $34 + 25 = 30 + 20 + 4 + 5 = 50 + 9 = 59$

9. $42 + 36 =$ _____

10. $53 + 28 =$ _____

11. $65 + 17 =$ _____

Part 4: Choose Your Strategy

Solve these problems using any mental strategy. Show your thinking!

12. $56 + 9 =$ _____

13. $38 + 45 =$ _____

14. $27 + 8 =$ _____

15. $74 + 19 =$ _____