

Using Mental Math to Add

Use breaking apart to add mentally.

1. $53 + 34$

$34 = 30 + \boxed{4}$

$53 + \boxed{30} = 83$

$83 + \boxed{4} = 87$

So, $53 + 34 = \boxed{87}$

2. $42 + 29$

$29 = 20 + \boxed{9}$

$42 + \boxed{20} = 62$

$\boxed{62} + 9 = 71$

So, $42 + 29 = \boxed{71}$

3. $47 + 41$

$41 = \boxed{40} + 1$

$47 + \boxed{40} = 87$

$\boxed{87} + 1 = 88$

So, $47 + 41 = \boxed{88}$

Make a ten to add mentally.

4. $27 + 24$

$24 = 3 + \boxed{21}$

$27 + \boxed{3} = 30$

$\boxed{30} + 21 = 51$

So, $27 + 24 = \boxed{51}$

5. $54 + 19$

$19 = \boxed{13} + 6$

$\boxed{54} + 6 = 60$

$60 + \boxed{13} = 73$

So, $54 + 19 = \boxed{73}$

6. $38 + 27$

$27 = \boxed{2} + 25$

$38 + \boxed{2} = 40$

$40 + \boxed{25} = 65$

So, $38 + 27 = \boxed{65}$

Find each sum using mental math.

7. $52 + 26$

78

8. $47 + 8$

55

9. $32 + 17$

49

10. $28 + 31$

59

11. $43 + 38$

81

12. $72 + 7$

79

13. $42 + 33$

75

14. $36 + 14$

50

15. **Number Sense** Ashton broke apart a number into $30 + 7$.
What number did he start with?

37

16. What is the sum of $27 + 42$ using mental math?

A 68

B 69

C 78

D 79