YEAR 4 • ADDITION

Mental Addition Strategies

Practise adding two-digit numbers using partitioning and number bonds.

Name _____ **Date** _____

1 Partition and add

Split each number into tens and ones. Add the tens, then the ones.

36 + 42 =

Tens: ..... + ... = ...

Ones: ..... + ... = ...

Total: .....

57 + 26 =

Tens: ..... + ... = ...

Ones: ..... + ... = ...

Total: .....

43 + 35 =

Tens: ..... + ... = ...

Ones: ..... + ... = ...

Total: .....

68 + 21 =

Tens: ..... + ... = ...

Ones: ..... + ... = ...

Total: .....

29 + 34 =

Tens: ..... + ... = ...

Ones: ..... + ... = ...

Total: .....

75 + 18 =

Tens: ..... + ... = ...

Ones: ..... + ... = ...

Total: .....

2 Make the next ten

Find the bond to 10, then move that many ones from the second number and add.

46 + 27 =

Bond to 10: ..... + ... = 10

New sum: ..... + ... = ...

38 + 25 =

Bond to 10: ..... + ... = 10

New sum: ..... + ... = ...

57 + 36 =

Bond to 10: ..... + ... = 10

New sum: ..... + ... = ...

69 + 24 =

Bond to 10: ..... + ... = 10

New sum: ..... + ... = ...

3 Put it into practice

Solve each problem using a mental addition strategy. Show your working.

The school library has 36 fiction books and 48 non-fiction books on display. How many books are there altogether?

Working: .....

Altogether: ..... books

Maya walked for 27 minutes on Saturday and 35 minutes on Sunday. How many minutes did she walk altogether?

Working: .....

Altogether: ..... minutes