



Mental Calculation

Addition – Using Number Bonds

STRATEGY

$$\begin{aligned}
 17 + 18 &= 10 + 7 + 10 + 8 && \text{[break up the numbers, 17 and 18, into tens and ones]} \\
 &= 10 + 10 + 7 + 8 && \text{[rearrange and add the tens]} \\
 &= 20 + 7 + 3 + 5 && \text{[break up the number, 8]} \\
 &= 20 + 10 + 5 && \text{[add the numbers]} \\
 &= 35
 \end{aligned}$$

Do these sums mentally.

1 $13 + 15 =$

6 $16 + 15 =$

2 $18 + 16 =$

7 $12 + 15 =$

3 $12 + 19 =$

8 $19 + 15 =$

4 $11 + 14 =$

9 $14 + 18 =$

5 $17 + 19 =$

10 $15 + 17 =$

Answers: 1 28 2 34 3 31 4 25 5 36 6 31 7 27 8 34 9 32 10 32