



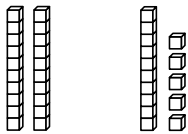
Name _____

Breaking Apart to Add

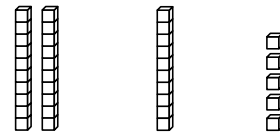
R 2-5

You can break apart numbers to add them by using **mental math**.

Find $20 + 15$.



Think: $20 + 10 + 5 =$



Break apart 15 into $10 + 5$.

$$30 + 5 = 35$$

Break apart numbers to add.

Use tens and ones models if you like.

1. $50 + 17 =$

Think:

$$\begin{array}{r} 50 \\ + 10 \\ \hline 60 \end{array} + \begin{array}{r} 7 \\ \hline 7 \end{array} = \begin{array}{r} 67 \\ \hline 67 \end{array}$$

2. $18 + 30 =$

Think:

$$\begin{array}{r} \underline{\quad} \\ + \underline{\quad} \\ \hline \end{array} + \begin{array}{r} \underline{\quad} \\ + \underline{\quad} \\ \hline \end{array} = \underline{\quad}$$

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

3. $60 + 12 = \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$

4. $17 + 70 = \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$

5. $53 + 20 = \underline{\quad}$

6. $40 + 37 = \underline{\quad}$

7. $80 + 19 = \underline{\quad}$

8. $45 + 50 = \underline{\quad}$