

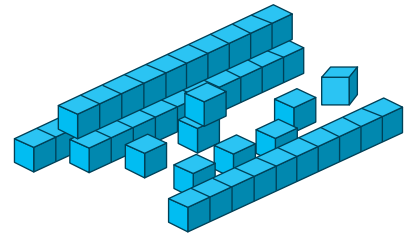
Learning Target: Break apart
a number to add.



Explore and Grow

Use a model to solve.

$$50 + 18 = \underline{\quad}$$



Which addend did you break apart to add? Explain.

Think and Grow

Break apart 25 into tens and ones.

Add the tens to the first addend. Then add the ones.



$$\begin{array}{r}
 34 + 25 = ? \\
 \begin{array}{r}
 34 + 20 + 5 \\
 \hline
 54 + 5 = 59 \\
 \hline
 \text{So, } 34 + 25 = \underline{59}.
 \end{array}
 \end{array}$$



Show and Grow

Use place value to break apart an addend. Then find the sum.

1. $61 + 12 = ?$

$$\begin{array}{r}
 61 + 12 = ? \\
 \begin{array}{r}
 61 + 10 + 2 \\
 \hline
 71 + 2 = 73 \\
 \hline
 \text{So, } 61 + 12 = \underline{73}.
 \end{array}
 \end{array}$$

2. $74 + 24 = ?$

$$\begin{array}{r}
 74 + 24 = ? \\
 \begin{array}{r}
 74 + 20 + 4 \\
 \hline
 94 + 4 = 98 \\
 \hline
 \text{So, } 74 + 24 = \underline{98}.
 \end{array}
 \end{array}$$

3. $23 + 44 = ?$

$$\begin{array}{r}
 23 + 44 = ? \\
 \begin{array}{r}
 23 + 40 + 4 \\
 \hline
 63 + 4 = 67 \\
 \hline
 \text{So, } 23 + 44 = \underline{67}.
 \end{array}
 \end{array}$$

4. $31 + 53 = ?$

$$\begin{array}{r}
 31 + 53 = ? \\
 \begin{array}{r}
 31 + 50 + 3 \\
 \hline
 81 + 3 = 84 \\
 \hline
 \text{So, } 31 + 53 = \underline{84}.
 \end{array}
 \end{array}$$

**Apply and Grow: Practice**

Use place value to break apart an addend. Then find the sum.

5. $71 + 11 = ?$

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

So, $71 + 11 = \underline{\hspace{2cm}}$.

6. $65 + 23 = ?$

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

So, $65 + 23 = \underline{\hspace{2cm}}$.

7. $32 + 47 = ?$

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

So, $32 + 47 = \underline{\hspace{2cm}}$.

8. $25 + 43 = ?$

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

So, $25 + 43 = \underline{\hspace{2cm}}$.

9. $54 + 36 = \underline{\hspace{2cm}}$

10. $21 + 61 = \underline{\hspace{2cm}}$

11.  **Precision** Which expressions have a sum of 72?

$52 + 22$

$41 + 31$

$11 + 61$

$51 + 11$

$47 + 30$



Think and Grow: Modeling Real Life

You have 32 coins in a piggy bank. You put in 45 more. How many coins are in the bank now?

Addition equation:



_____ coins

Show and Grow

12. There are 81 fans at a game. 18 more arrive. How many fans are at the game now?



_____ fans

13. You have 54 songs on a music player. Your friend has 31 more than you. How many songs does your friend have?

_____ songs

Learning Target: Break apart a number to add.

$$26 + 42 = ?$$

$$\begin{array}{r} 26 + 40 + 2 \\ \hline 66 + 2 = 68 \end{array}$$

So, $26 + 42 = \underline{68}$.



Use place value to break apart an addend. Then find the sum.

1. $53 + 34 = ?$

$$\begin{array}{r} 53 + 30 + 4 \\ \hline 83 + 4 = 87 \end{array}$$

So, $53 + 34 = \underline{\quad}$.

2. $46 + 13 = ?$

$$\begin{array}{r} 46 + 10 + 3 \\ \hline 56 + 3 = 59 \end{array}$$

So, $46 + 13 = \underline{\quad}$.

3. $14 + 73 = ?$

$$\begin{array}{r} 14 + 70 + 3 \\ \hline 84 + 3 = 87 \end{array}$$

So, $14 + 73 = \underline{\quad}$.

4. $31 + 67 = ?$

$$\begin{array}{r} 31 + 60 + 7 \\ \hline 91 + 7 = 98 \end{array}$$

So, $31 + 67 = \underline{\quad}$.

5. $28 + 61 = \underline{\hspace{2cm}}$

6. $51 + 41 = \underline{\hspace{2cm}}$

7. **DIG DEEPER!** Use the numbers to complete the equation.



$1 \square + \square 5 = \square 6$

8. **Modeling Real Life** You see 38 ladybugs. Then you see 21 more. How many ladybugs do you see?



 ladybugs

9. **Modeling Real Life** You read for 18 minutes and play outside for 35 minutes. How many minutes do you read and play in all?

 minutes

Review & Refresh

10. Draw a line through the shorter object.

