Name _____

Key Concept and Vocabulary

sum

8 + 5 = 13

addends

Add.
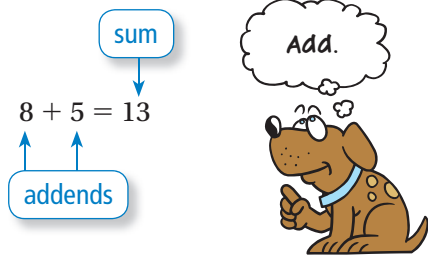
Visual Model

To add on a number line, move to the *right*.

$34 + 12 = 46$

+10   +1 +1

34   44 45 46
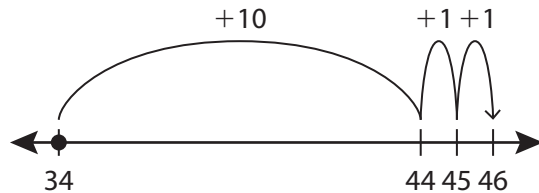
Skill Examples

1.
$$\begin{array}{r} 1 \\ 56 \\ + 26 \\ \hline 82 \end{array}$$

2.
$$\begin{array}{r} 1 \\ 32 \\ 11 \\ + 27 \\ \hline 70 \end{array}$$

Use regrouping to add.

3. $62 + 19 = ?$

$$\begin{array}{r} -1 \quad +1 \\ \hline 61 + 20 = 81 \end{array}$$

Use compensation to add.

∴ So, $62 + 19 = 81$.

Application Example

4. You have 54 tickets and win 17 more. How many tickets do you have in all?

$$\begin{array}{r} 1 \\ 54 \\ + 17 \\ \hline 71 \end{array}$$

∴ You have 71 tickets in all.

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Find the sum.

5. $60 + 20 = \underline{\ 80\ }$

6. $40 + 50 = \underline{\ 90\ }$

7. $45 + 30 = \underline{\ 75\ }$

8. $21 + 60 = \underline{\ 81\ }$

9.
$$\begin{array}{r} 81 \\ + 17 \\ \hline 98 \end{array}$$

10.
$$\begin{array}{r} 54 \\ + 13 \\ \hline 67 \end{array}$$

11.
$$\begin{array}{r} 25 \\ 13 \\ + 41 \\ \hline 79 \end{array}$$

12.
$$\begin{array}{r} 52 \\ 14 \\ + 16 \\ \hline 82 \end{array}$$

13. $76 + 19 = \underline{\ 95\ }$

14. $39 + 8 = \underline{\ 47\ }$

15. $14 + 36 + 24 = \underline{\ 74\ }$

16. $33 + 38 + 26 = \underline{\ 97\ }$

17. VIDEO GAME You collect 73 coins in Level 1 and 14 coins in Level 2 of a video game. How many coins do you collect in all? $\underline{\ 87\ \text{coins}\ }$

18. SHOPPING TRIP A board game costs $15, a card game costs $14, and a puzzle costs $17. You buy all of the items. How much money do you spend? $\underline{\ \$46\ }$

19. COLLECTING SEASHELLS You have 6 seashells and find 9 more. Your friend has 48 seashells. How many seashells do you and your friend have in all? $\underline{\ 63\ \text{seashells}\ }$