

# Use Tens and Ones

Julia's Strategy for  $28 + 44$ :

$$\begin{array}{r} 28 = 20 + 8 \\ + 44 = 40 + 4 \\ \hline 60 + 12 = 72 \end{array}$$

1. Solve each problem using Julia's strategy.

**A.**  $\begin{array}{r} 41 = \\ + 36 = \\ \hline \end{array}$

**B.**  $\begin{array}{r} 33 = \\ + 57 = \\ \hline \end{array}$

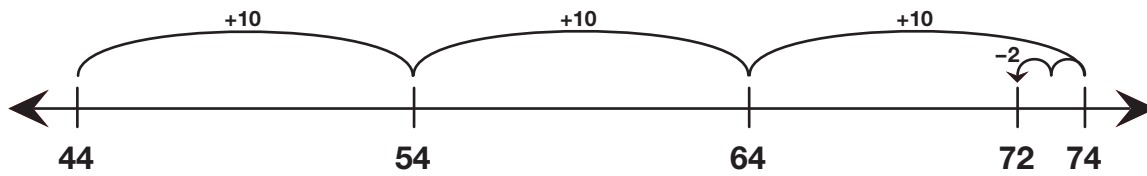
**C.**  $\begin{array}{r} 57 = \\ + 26 = \\ \hline \end{array}$

**D.**  $\begin{array}{r} 38 = \\ + 67 = \\ \hline \end{array}$

**E.**  $\begin{array}{r} 79 = \\ + 26 = \\ \hline \end{array}$

**F.**  $\begin{array}{r} 84 = \\ + 19 = \\ \hline \end{array}$

Chris's Strategy for  $28 + 44$ :



Chris's Number Sentence:  $44 + 30 - 2 = 72$

2. Solve each problem using Chris's strategy or another number line strategy.

**A.**  $37 + 49$



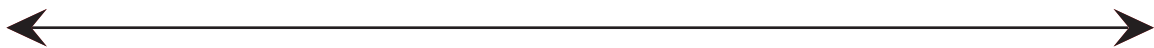
Number Sentence: \_\_\_\_\_

**B.**  $69 + 26$



Number Sentence: \_\_\_\_\_

**C.**  $138 + 27$



Number Sentence: \_\_\_\_\_

**D.**  $84 + 19$



Number Sentence: \_\_\_\_\_

**Check-In: Questions 3–5**

- 3.** Show how to solve each problem using Julia’s strategy, a number line strategy, or another mental math strategy. Use each strategy at least once.

**A.** 
$$\begin{array}{r} 47 \\ + 35 \\ \hline \end{array}$$

**B.** 
$$\begin{array}{r} 29 \\ + 54 \\ \hline \end{array}$$

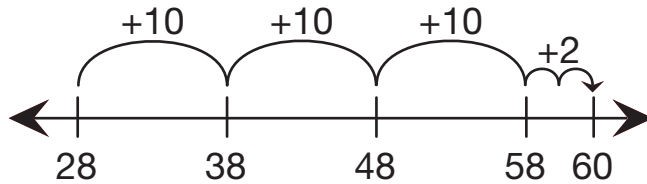
**C.**  $36 + 26 =$

**D.**  $136 + 74 =$

**E.**  $89 + 51 =$

4. Chris and Julia each showed how they solved  $28 + 32$ . Compare their strategies.

Chris's strategy:



Julia's strategy:

$$\begin{array}{r} 28 = 20 + 8 \\ + 32 = 30 + 2 \\ \hline 50 + 10 = 60 \end{array}$$

How are they the same? How are they different?

5. Look at your solutions to the problems in Question 3. Which strategy do you like best? Why?

**Use Tens and Ones  
Check-In: Questions 3–5  
Feedback Box**

	Expectation	Check-in	Comments
Use place value concepts to make connections among representations. [Q# 3 and 4]	<b>E1</b>		
Represent and solve addition problems using number lines. [Q# 3]	<b>E2</b>		
Add using mental math strategies. [Q# 3]	<b>E3</b>		
Add using expanded form. [Q# 3]	<b>E4</b>		

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