




Student Activity Book

Connect Addition Methods (SAB pp. 185–186)
Questions 1–8




One method is shown for each.

1.

			0
1000s	100s	10s	1s
		1	7
		3	2
		4	9

$$\begin{array}{r} 17 \\ + 32 \\ \hline 49 \end{array}$$




2.

			0
1000s	100s	10s	1s
		2	7
		3	5
		5	12
		6	2

$$\begin{array}{r} 27 \\ + 35 \\ \hline 50 \\ + 12 \\ \hline 62 \end{array}$$

Fewest Pieces




3.

			0
1000s	100s	10s	1s
		8	3
		3	2
		11	5
	1	1	5

$$\begin{array}{r} 83 \\ + 32 \\ \hline 5 \\ + 110 \\ \hline 115 \end{array}$$

Fewest Pieces

4.

			0
1000s	100s	10s	1s
		2	6
		6	6
		1	8
		9	20
		11	0
	1	1	0

$$\begin{array}{r} 2 \\ 26 \\ 66 \\ + 18 \\ \hline 110 \end{array}$$

Fewest Pieces




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Connect Addition Methods




Use mental math strategies to estimate the sums. Then solve each of the addition problems using base-ten pieces. Finally, solve the problems using a paper-and-pencil method.

1.

			0
1000s	100s	10s	1s




$$\begin{array}{r} 17 \\ + 32 \\ \hline \end{array}$$

2.

			0
1000s	100s	10s	1s




$$\begin{array}{r} 27 \\ + 35 \\ \hline \end{array}$$

3.

			0
1000s	100s	10s	1s

$$\begin{array}{r} 83 \\ + 32 \\ \hline \end{array}$$

4.

			0
1000s	100s	10s	1s

$$\begin{array}{r} 26 \\ 66 \\ + 18 \\ \hline \end{array}$$

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Answer Key • Lesson 4: Addition Review

Name _____ Date _____

Tara, Julia, Yolanda, and Josh started the problems below. Before they could finish, the fire alarm rang. Help the students finish the problems using the method they chose.

5. $64 + 28 =$

Tara's method:

$$\begin{array}{r} 64 = 60 + 4 \\ + 28 = \end{array}$$

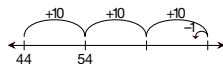
6. $64 + 28 =$

Julia's method:

$$\begin{array}{r} 64 \\ + 28 \\ \hline 2 \end{array}$$

7. $44 + 29 =$

Yolanda's method:



Number Sentence _____

8. $44 + 29 =$

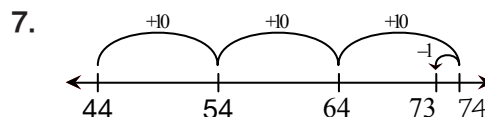
Josh's method:

$$\begin{array}{r} 44 \\ + 29 \\ \hline 60 \\ + \end{array}$$

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5. $64 = 60 + 4$
 $+ 28 = \frac{20 + 8}{80 + 12 = 92}$

6. $\begin{array}{r} 1 \\ 64 \\ + 28 \\ \hline 92 \end{array}$



Number Sentence $44 + 30 - 1 = 73$

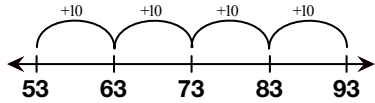
8. $\begin{array}{r} 44 \\ + 29 \\ \hline 60 \\ + 13 \\ \hline 73 \end{array}$

Student Activity Book

Using Addition Strategies
Homework (SAB pp. 189–190)
Questions 1–8

One possible method is shown for each.

1. $53 + 10 + 10 + 10 + 10 = 93$



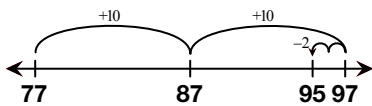
2.
$$\begin{array}{r} 27 \\ + 41 \\ \hline 60 \\ + 8 \\ \hline 68 \end{array}$$

3. 98 is 2 less than 100. $100 + 50 = 150$;
 $150 - 2 = 148$.

4.
$$\begin{array}{r} 36 \\ + 57 \\ \hline 80 \\ + 13 \\ \hline 93 \end{array}$$

5.
$$\begin{array}{r} 38 \\ + 42 \\ \hline 70 \\ + 10 \\ \hline 80 \end{array}$$

6. $77 + 20 - 2 = 95$



7.
$$\begin{array}{r} 12 \\ 35 \\ + 45 \\ \hline 92 \end{array}$$

8. 82 is 2 more than 80.
 $80 + 40 = 120$ and $120 + 2 = 122$

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Name _____ Date _____

Using Addition Strategies

Solve the problems in two ways. You may use base-ten shorthand to show how to use base-ten pieces, a pencil-and-paper method, or your own method. Use the *Addition Strategies Menu* from the *Student Activity Book*.

1. $53 + 40 =$

2.
$$\begin{array}{r} 27 \\ + 41 \\ \hline \end{array}$$

3. $98 + 50 =$

4.
$$\begin{array}{r} 36 \\ + 57 \\ \hline \end{array}$$

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Name _____ Date _____

5.
$$\begin{array}{r} 38 \\ + 42 \\ \hline \end{array}$$

6. $77 + 18 =$

7.
$$\begin{array}{r} 12 \\ 35 \\ + 45 \\ \hline \end{array}$$

8. $40 + 82 =$

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