1

Joseph figured out this way of adding:

Use this method for these.

$$\begin{array}{r} 14 \\ +26 \\ \hline 10 \\ 30 \\ \hline 40 \end{array}$$

a.
$$\begin{array}{r} 32 \\ +19 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 18 \\ +16 \\ \hline \end{array}$$

c.
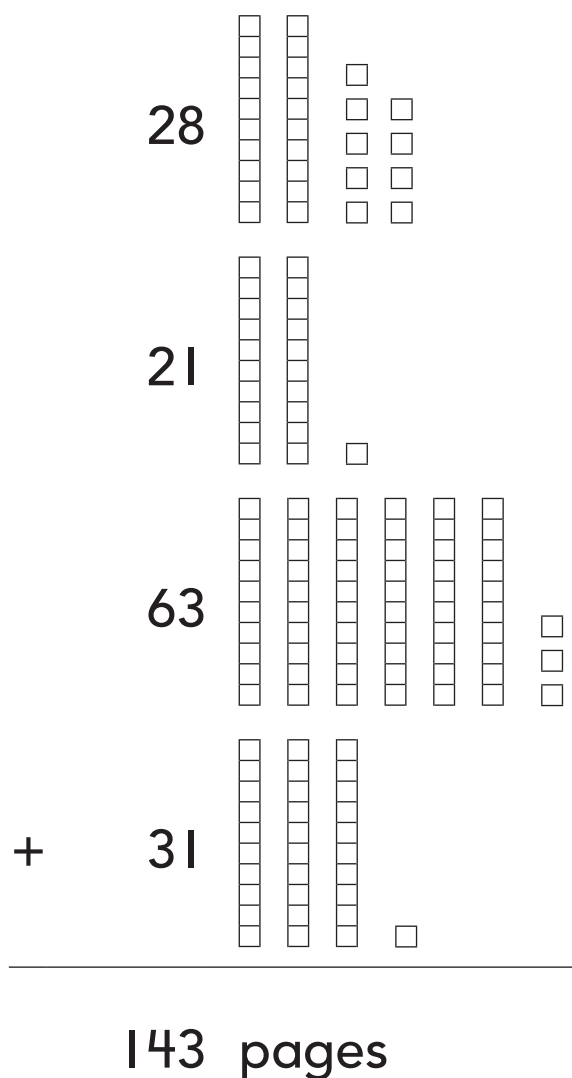$$\begin{array}{r} 26 \\ +12 \\ \hline \end{array}$$

Name _____

Try This

Emma read 28 pages on Monday, 21 pages on Tuesday, 63 pages on Wednesday, and 31 pages on Thursday.

How many pages did Emma read in all? Model the problem with Base Tens Blocks. Add to solve.

28

21

63

+   31

_____

143 pages

Use Base Ten Blocks. Draw your model. Solve.

1. 12 + 70 + 47 = _____

Name _____

Use any strategy to add. Make a drawing to show how you solved.

2. 41 + 26 + 14 + 56 = _____

3. Tim added 35 + 42 + 10 by first adding together 30 + 40 + 10 and getting 80. What numbers should he add next to find the total? What is the total?
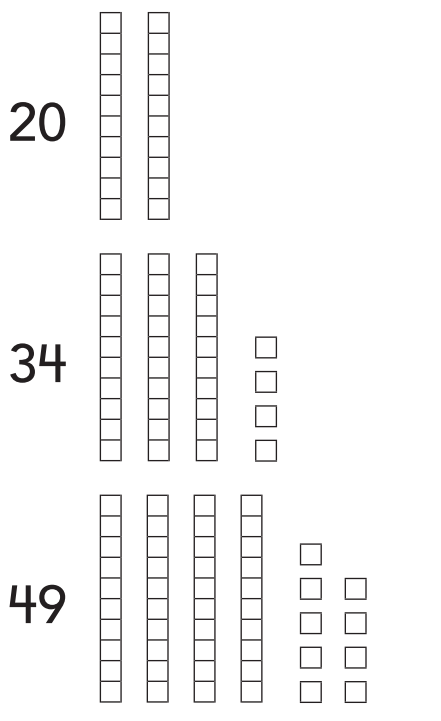
Show how you solved.

_____

_____

_____

Name _____

Use Base Ten blocks to build the model. Add.

1.

20

34

+   49

_____

_____

Use Base Ten Blocks to model the problem.
Make a drawing of your model. Write the sum.

2. 50 + 40 + 45 = _____

© ETA hand2mind®

Name _____

Use Base Ten Blocks to model the problem. Make a drawing of your model. Write the sum.

3. $31 + 30 + 54 + 23 =$ _____

Write the sum in the equation.

4. Jon sold 27 bags of popcorn at school, 40 bags at the firehouse, 20 bags at the store, and 34 bags in his building. How many bags of popcorn did he sell in all?

First add the tens, then add the ones.

$27 + 40 + 20 + 34 =$ _____ bags

2

Use any method to solve.

a.
$$27$$
$$+19$$

b.
$$35$$
$$+55$$

c.
$$27$$
$$+29$$

d.
$$36$$
$$+63$$

Name _____

Try This

19 + 85 + 21 = _____

What strategies can you use to add?

- Use place value:

  19 = 10 + 9

  85 = 80 + 5

  + 21 = <u>20 + 1</u>

- Look for a known fact and group the numbers that way:

  9 + 1 + 5 = 10 + 5 = 15

  80 + 20 + 10 = 100 + 10 = 110

  15 + 110 = 110 + 15 = 125

- Complete the equation:

  19 + 85 + 21 = 125

Use Base Ten Blocks. Draw blocks to show how you add.

1.

	Hundreds	Tens	Ones
35		║║║	⁞⁞
+ 34			

Name _____

2.

	Hundreds	Tens	Ones
15			
41		||||	•
61			
+ 15			
☐			

Add by using Base Ten Blocks. Make a drawing to show how you add.

3.
$$\begin{array}{r} 44 \\ 41 \\ + 56 \\ \hline \boxed{} \end{array}$$

Name _____

**Look for a known fact. Add. Write numbers
to show the order you used to add.**

4. 40 + 8 + 40 = _____

5. Kate wants to add 17 + 23 +20 + 55.

Draw a picture or write the numbers to how
she could have added.

Which two numbers could she add first?

_____ + _____ = _____

Which two numbers could she add next?

_____ + _____ = _____

17 + 23 +20 + 55 = _____

Name _____

Use Base Ten Blocks to build the model. Use the blocks to add. Write the sum.

1.

	Hundreds	Tens	Ones
62			
54			
13			
+ 9			

☐

Use Base Ten Blocks. Draw your model to show how you added. Write the sum.

2. Look for numbers that are easy to add, and add those first.

```
    50
    35
 +  25
 _____
 [    ]
```

Name _____

Write the sum in the equation.

3. Help Griffin finish adding this problem. Look for facts you know. Find ways to group the numbers to make it easy to add.

$57 + 43 + 40 =$

$50 + 7 + 40 + 3 + 40 =$

$50 + 40 + 40 + 7 + 3 =$

_____ + _____ + _____ =

_____ + _____ = _____

3

This loop picture shows that 8 + 7 = 15.

What numbers are missing from the pictures below?

| 8 | 7 |

15

a.

| ___ | 8 |

20

b.

| ___ | 6 |

9

c.

| 8 | ___ |

17

Name _____
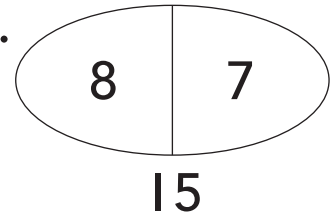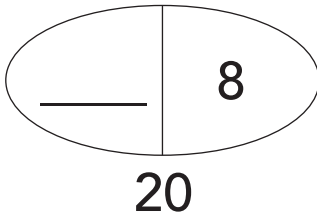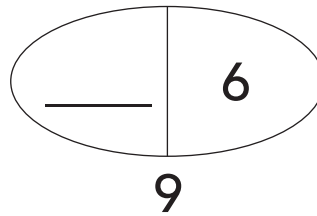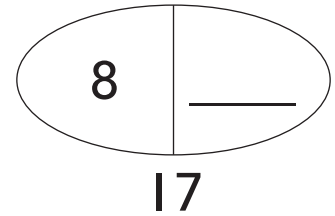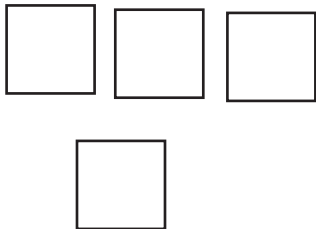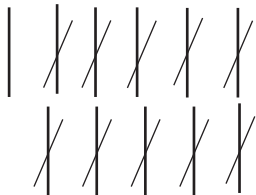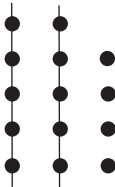
Try This

289   Use Base Ten Blocks to show the numbers.

+ 125   Compose tens and hundreds.
_____

414   Make a drawing to show how you add.

Hundreds	Tens	Ones

**Use Base Ten Blocks. Draw your model.
Write the sum.**

1. Ms. Greco's class planted 77 seeds. Mr. Ryan's class planted 116 seeds. How many seeds did the classes plant in all?

```
    77
+  116
_____
        seeds
```

Name _____

Make a drawing to show how you add. Complete the equation.

2. 400 + 431 = _____

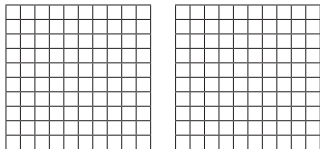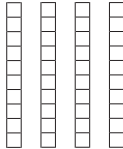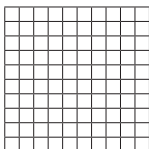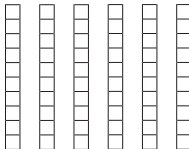## Write the numbers to show how you add tens and compose a hundred. Write the sum.

3.   561
  +   368
    ┌─────────┐
    └─────────┘

4. Sam showed how he added. If you agree with his sum, draw the blocks he used to model the addition. If you do not agree, add again, and write the sum.

      750
+   150
─────────
     800
+   100
─────────
     900

Name _____

Use Base Ten Blocks to build the model.
Use the blocks to add. Write the sum.

1. Hint: Do you need to make a hundred?

	Hundreds	Tens	Ones
240			
+ 163			

2. Hint: Do you need to make a ten?

	Hundreds	Tens	Ones
408			
+ 324			

Name _____

Add. Use numbers to show how you add hundreds, tens, and ones. Write the sum.

3.
$$
\begin{array}{r}
323 \\
+\ \ 145 \\
\hline
\end{array}
$$

4. Collin added and composed a ten. Show how he can finish adding.

$$
\begin{array}{r}
535 \\
+\ \ 225 \\
\hline
\end{array}
$$

4

Susan has a homemade method for subtraction.

Try Susan's method to solve these.

$$
\begin{array}{r}
24 \\
-\ 7 \\
\hline
3 \text{ (gets me to 10)} \\
10 \text{ (gets me to 20)} \\
4 \text{ (gets me to 24)} \\
\hline
17
\end{array}
$$

a.
$$
\begin{array}{r}
24 \\
-\ 9 \\
\hline
\end{array}
$$

b.
$$
\begin{array}{r}
30 \\
-\ 7 \\
\hline
\end{array}
$$

c.
$$
\begin{array}{r}
16 \\
-\ 9 \\
\hline
\end{array}
$$

d.
$$
\begin{array}{r}
25 \\
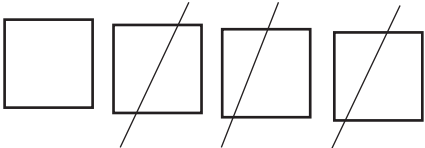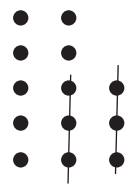-17 \\
\hline
\end{array}
$$

Name _____

Try This

463   Use Base Ten Blocks to show the numbers.

− 326   Decompose if you need to make more tens or ones.

137   Make a drawing to show how you subtract with blocks.

Hundreds	Tens	Ones

1. Use Base Ten Blocks to show the numbers.
   Make a drawing to show how you subtract.
   Write the difference.

	Hundreds	Tens	Ones
648			
− 264			
⬚			

18

Make a drawing to show how you subtract. Complete the equation.

2. Ms. Carter's class collected 176 blankets. They donated 132 blankets to day care centers. Now how many books do they have?

176 − 132 = _____ blankets

Write numbers or draw to show how you subtract. Write the sum.

3.   361

   −   119

   [   ]

4. Solve 859 − 446 by first finding the unknown addend. Then solve.
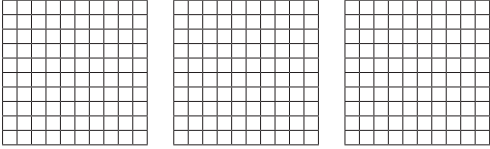
446 + _____ = 859

859 − 446 = _____

Name _____

Use Base Ten Blocks to build the model. Use the blocks to subtract. Write the difference.

1.

Hundreds	Tens	Ones
▦ ▦ ▦		□ □ □

307

− 282

[____]

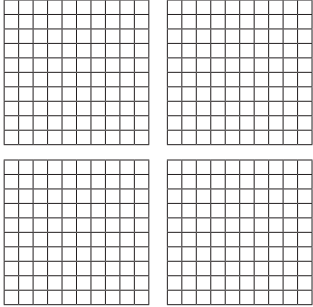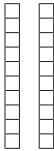## Use Base Ten Blocks to build the model. Make a drawing to show how you subtract. Write the difference.

2.

Hundreds	Tens	Ones
▦ ▦ ▦ ▦	▌ ▌	□ □ □

423

− 214

[____]

© ETA hand2mind®

Subtract. Write the difference.

3.

$$
\begin{array}{r}
792 \\
-\ 459 \\
\hline
\end{array}
$$

4. Cole brought 250 bottles to recycling. Only 150 bottles would fit in the bin. How many bottles did he have to bring back home? Write the difference.

250 − 150 = _____ bottles

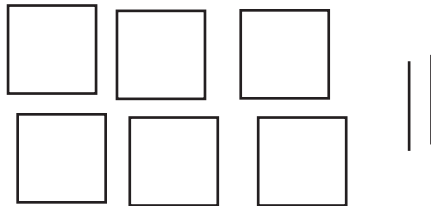Show the related addition:

150 + _____ = 250

5

a. Alexis knows that 4 plus 4 is 8. How can she figure out 4 plus 5?

b. Jose knows that 4 plus 5 is 9. How can he figure out 14 plus 15?

Name _____

Try This

Make a drawing to show how to find the sum with Base Ten Blocks. Write the sum.

$$520 + 100 \over 620$$

Make a drawing to show how you would subtract without blocks. Write the difference.

1. Ken used Base Ten Blocks to subtract $214 - 100$.

$$214 - 100 = \underline{\hspace{1cm}}$$

Make a drawing to show how you subtract. Complete the equation.

2. Find $301 - 10$.

$$301 - 10 = \underline{\hspace{1cm}}$$

© ETA hand2mind®

Name _____

3. Use mental math to add or subtract.
Complete the equations.

$170 - 10 =$ _____ $386 + 10 =$ _____

$827 - 10 =$ _____ $754 + 100 =$ _____

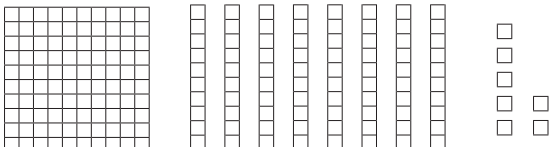$490 + 10 =$ _____ $135 - 100 =$ _____

4. Emily moves her marker to number 199 on the game board. Then she scores 10 more points. What number will she move to next?

Complete the addition equation.
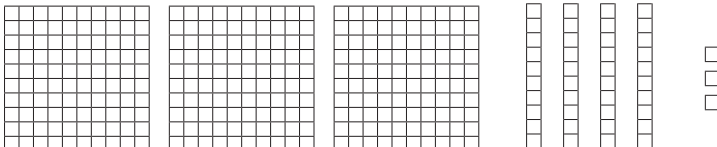
$199 +$ _____ $=$ _____

Name _____

Use Base Ten Blocks to build the model.
Write the difference.

1.   187

−   10

_____

[___]

Make a drawing to show how you add with
Base Ten Blocks. Write the sum.

2.   343

+   100

_____

[___]

Name _____

Write the difference in the equation.

3. Lenny used Base Ten Blocks to subtract
500 – 100. Draw a picture to show how
he subtracted, or solve using mental math.

500 – 100 = _____

Use mental math to add. Write the sums.

4.

451	451	190	190
+ 10	+ 100	+ 10	+ 100
☐	☐	☐	☐

Use mental math to subtract. Write the differences.

5.

210	210	808	651
– 100	– 10	– 100	– 10
☐	☐	☐	☐