

Name _____



Additional Practice 4-4

Add Using Mental Math and Partial Sums

Another Look! Find $34 + 27$.

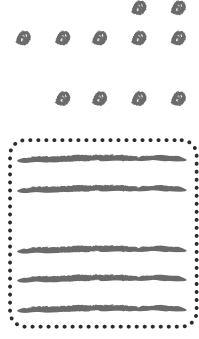
Step 1

Draw the addends.

Add the tens.

3 tens + 2 tens

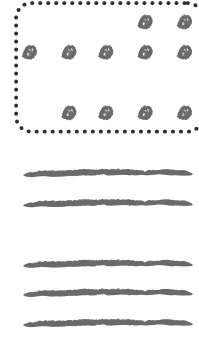
$$30 + 20 = \underline{50}$$



Step 2

Add the ones.

$$4 + 7 = \underline{\quad}$$



Step 3

Record your work.

Add the partial sums.

| | Tens | Ones |
|-------|------|------|
| + | 3 | 4 |
| | 2 | 7 |
| Tens: | 5 | 0 |
| Ones: | 1 | 1 |
| Sum: | 6 | 1 |

So, $34 + 27 = 61$.

HOME ACTIVITY Write $28 + 45$ on a sheet of paper. Have your child find the sum using drawn place-value blocks and partial sums. Once finished, have your child explain his or her work.



Write the addition problem. Add. Use drawings of blocks and partial sums.

1. $48 + 6$

| | Tens | Ones |
|-------|------|------|
| + | | |
| Tens: | | |
| Ones: | | |
| Sum: | | |

2. $75 + 4$

| | Tens | Ones |
|-------|------|------|
| + | | |
| Tens: | | |
| Ones: | | |
| Sum: | | |

3. $31 + 39$

| | Tens | Ones |
|-------|------|------|
| + | | |
| Tens: | | |
| Ones: | | |
| Sum: | | |

4. $37 + 25$

| | Tens | Ones |
|-------|------|------|
| + | | |
| Tens: | | |
| Ones: | | |
| Sum: | | |



Higher Order Thinking Read the sum. Circle all of the number pairs in the box that match that sum.

5. Sum 22

| | | |
|----|----|----|
| 10 | 4 | 18 |
| 12 | 15 | 14 |
| 20 | 21 | 13 |

6. Sum 55

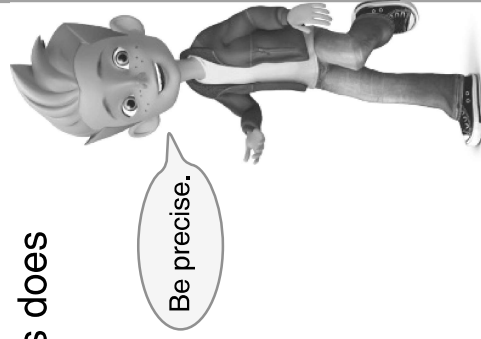
| | | |
|----|----|----|
| 25 | 30 | 14 |
| 18 | 14 | 45 |
| 15 | 21 | 10 |

7. Sum 83

| | | |
|----|----|----|
| 30 | 45 | 30 |
| 56 | 19 | 64 |
| 27 | 29 | 20 |

8. **Vocabulary** Paul has a stack of 47 cards. He also has a stack of 36 cards. How many cards does Paul have in all?

_____ cards



Fill in the blanks.

The **addends** you can use to solve this problem are _____ and _____.

9. **Assessment Practice** Find $64 + 28$. Use drawings of blocks and partial sums to show how you solved the problem. 2.NSO.2.3

$$64 + 28 = \underline{\hspace{2cm}}$$