

Home Connection

In this chapter, your child will learn to add and subtract 2-digit numbers. In previous chapters, he added a 2-digit number and a 1-digit number by making a 10 and using addition facts. In this chapter, your child will use those strategies and learn to:

Add tens:

Add 48 and 30.

$48 + 30$

8 40

$4 \text{ tens} + 3 \text{ tens} = 7 \text{ tens}$
 $70 + 8 = 78$

Add tens then add ones:

Add 23 and 12.

$23 + 12$

10 2

$23 + 10 = 33$
 $33 + 2 = 35$

Add 2-digit numbers (with regrouping):

Add 23 and 18.

$23 + 18$

10 8

$23 + 10 = 33$
 $33 + 8 = 41$

Subtract tens:

Subtract tens and then subtract ones:

Subtract 30 from 78.

$$78 - 30$$

70 - 30 = 40
40 + 3 = 43

Subtract 23 from 56.

$$56 - 20 = 36$$

$$56 - 3 = 33$$

$$56 - 23$$

56 - 20 - 3

Subtract 2-digit numbers (with regrouping):

Subtract 29 from 56.

$$56 - 20 = 36$$

$$36 - 9 = 27$$

$$56 - 29$$

56 - 20 - 9

Your child will line the two numbers up to add and subtract using a traditional vertical algorithm in **Dimensions Math® 2A**.

This can be a challenging chapter for many students. Your child will be using base-ten blocks and pictures to learn and practice these strategies in the classroom.

What can we do at home?

- Play 100 or Bust. Players take turns rolling a die. On each turn, the number rolled is added to the previous number to make a new total. The game continues until a player adds to 100 exactly. If a roll takes a total over 100, that player “goes bust” and is out. Modify the game for subtraction: 0 or Bust. Begin with 100 and subtract the number rolled on each turn.
- Play the game Three in a Row as introduced in Chapter 16 using a 100 chart, counters, and a deck of playing cards with the face cards removed, with some slight modifications:
 - Players take turns drawing 3 cards (instead of 2).
 - The player selects 2 of the cards to make a 2-digit number.
 - Players add the number on their third card to their 2-digit number to arrive at the final number.
 - They place a counter on their 2-digit number on the hundreds chart.The winner is the first player to get three counters in a row.
Extend this game to subtraction, or two-2-digit numbers (in this case, players draw 4 cards).