

Section B: Practice Problems

1. Find the value of each sum.

Show your thinking using drawings, numbers, or words.

a. $47 + 3$

b. $47 + 8$

(From Unit 5, Lesson 5.)

2. Find the value of each sum.

Show your thinking using drawings, numbers, or words.

a. $78 + 6$

b. $6 + 78$

(From Unit 5, Lesson 6.)

3. Find the value of each sum.

Show your thinking using drawings, numbers, or words.

a. $63 + 5$

b. $63 + 8$

c. How are the problems the same?

How are they different?

(From Unit 5, Lesson 7.)

4. Exploration

Choose five numbers from below to make a sum with a value greater than 50 but less than 99.

3 5 6 7 8 10 20 30 40

Use equations or drawing to show your thinking.

5. Exploration

Here is how Lin found the value of $58 + 9$.

"I know $8 + 9 = 17$. Then I add 5 tens and get 67."

- a. Why does Lin's method work? Show your thinking using drawings, numbers, or words.

- b. Use Lin's method to find the value of $83 + 8$.

6. Exploration

Noah's brother spilled water on his math work.
Help Noah figure out what the missing number is.

- a. The missing number makes the value of the sum **greater** than 50, with a 0 in the ones place.

$$41 + \text{☀}$$

What could the missing number be?

- b. The missing number is a two-digit number that makes the value 75.

$$58 + \text{☀}$$

What could the missing number be?

- c. The missing number is a two-digit number that makes a value that is **more** than 80 but **less** than 90.

$$65 + \text{☀}$$

What could the missing number be?

7. Exploration

Priya is playing the game Target Numbers.
Priya starts at 25 and picks these six cards:

1 2 3 5 6 8

She chooses whether to add that many tens or ones for each card.

What is the highest score she can get without going over 95?
Use equations to show your thinking.