

Section C: Practice Problems

1. Find the value of $35 + 48$.

Show your thinking using drawings, numbers, or words.

(From Unit 5, Lesson 9.)

2. a. Find the value of $16 + 55$.

Show your thinking using drawings, numbers, or words.

- b. Can you find the value in a different way?

(From Unit 5, Lesson 10.)

3. Use your favorite method to find the value of $34 + 59$.

Why do you like the method you chose?

(From Unit 5, Lesson 11.)

4. Choose a two-digit number to add to 46 so that you make a new 10.

Add the numbers.

Write equations to show your thinking.

(From Unit 5, Lesson 12.)

5. Exploration

Elena has a way to find the value of $28 + 47$ without making a 10. Here is her work.

$$30 - 2 = 28$$

$$50 - 3 = 47$$

$$80 - 5 = 75$$

- a. Explain why Elena's work is correct. Use connecting cubes if it is helpful.

- b. Use Elena's method to find the value of $39 + 55$.

6. Exploration

Diego and his friends are working on the same addition problem.

Diego's method

Lin's method

Priya's method

$$40 + 20 = 60$$

$$48 + 2 + 5 = 55$$

$$40 + 27 = 67$$

$$60 + 15 = 75$$

$$55 + 20 = 75$$

$$67 + 3 + 5 = 75$$

- a. What is the addition problem Diego and his friends are working on?

- b. Which method is your favorite?

Solve $56 + 28$ using your favorite method.

7. Exploration

Clare wrote some expressions.

Each expression makes a ten.

She spilled water on her work.

Find the digit that could be under each water mark.

a.

$$2 \text{ [water mark]} + 3$$

b.

$$48 + \text{[water mark]}$$

c.

$$6 \text{ [water mark]} + 9$$

d.

$$75 + \text{snowflake}$$

e.

$$\text{snowflake} + 4 + 6$$