

Name \_\_\_\_\_

Date \_\_\_\_\_

## **CBA Addition and Subtraction**

### **Student Sheet 1**

#### **Problem Set 1**

1. Bailey has 4 cubes. Her friend gives her 3 cubes. How many cubes does Bailey have now?
2. Marie has 4 green cubes and 5 white cubes. How many cubes does Marie have altogether?
3. Dennis has 8 cubes. He gives 3 cubes to his friend. How many cubes does he have left?
4. Mary has 5 cubes. Kevin has 7 cubes. How many more cubes does Kevin have?
5. Eric has 6 cubes. Marie has 4 more cubes than Eric. How many cubes does Marie have?
6. Zach has 6 cubes. Brenda gives him 3 more cubes. How many cubes does Zach have?

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### Problem Set 2

7. Bailey ate 3 cookies in the morning. She ate 4 more cookies in the afternoon. How many cookies did she eat altogether?
  
  
  
  
  
  
  
  
  
  
8. Bailey had 8 cookies. She ate 3 of them. How many cookies does she have left?
  
  
  
  
  
  
  
  
  
  
9. Marie has 7 cookies. Her mom gives her 4 cookies. Now how many cookies does Marie have?
  
  
  
  
  
  
  
  
  
  
10. Marie has 9 chocolate chip cookies and 3 peanut butter cookies. How many cookies does Marie have altogether?
  
  
  
  
  
  
  
  
  
  
11. Zachary has 11 cookies. He gives 3 cookies to his friend. How many cookies does he have left?

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### Problem Set 3

12. Bailey has 5 chocolate chip cookies and 8 peanut butter cookies. How many cookies does Bailey have altogether?
13. Jocelyn has 5 cookies. Bailey has 1 more cookie than Jocelyn. How many cookies does Bailey have?
14. Paul has 12 cookies. Mary has 15 cookies. How many more cookies does Mary have?
15. Erin has 12 cookies. Rebecca has 4 more cookies than Erin. How many cookies does Rebecca have?
16. Mary has 12 pencils. Matt has 8 pencils. How many more pencils does Matt need to have the same number as Mary?

Name \_\_\_\_\_

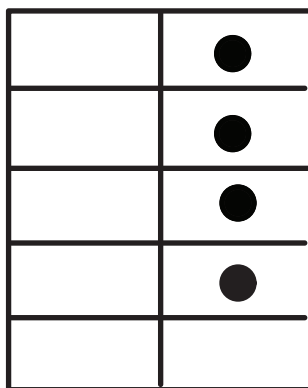
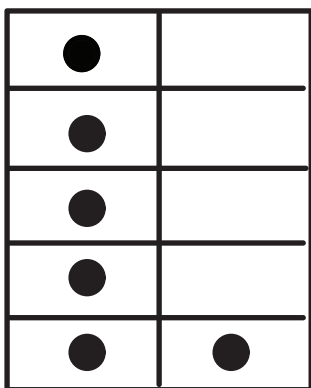
Date \_\_\_\_\_

## CBA Addition and Subtraction

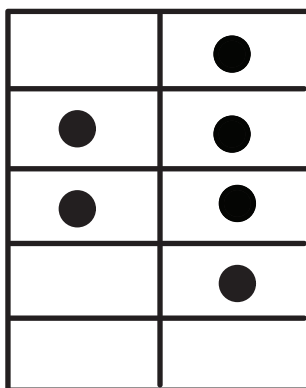
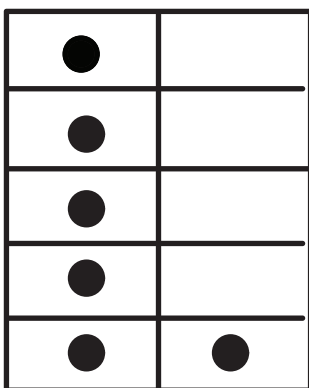
### Student Sheet 2

*How many dots are shown in each problem?*

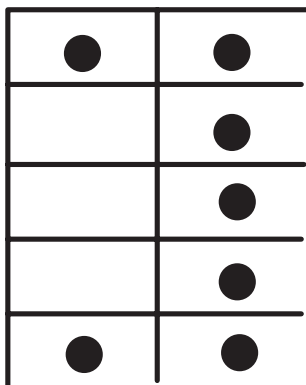
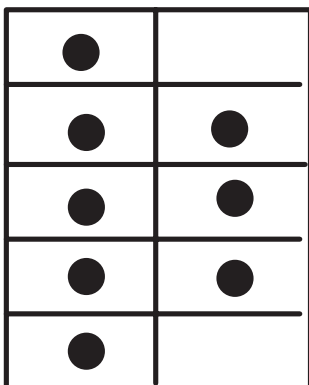
1.



2.



3.



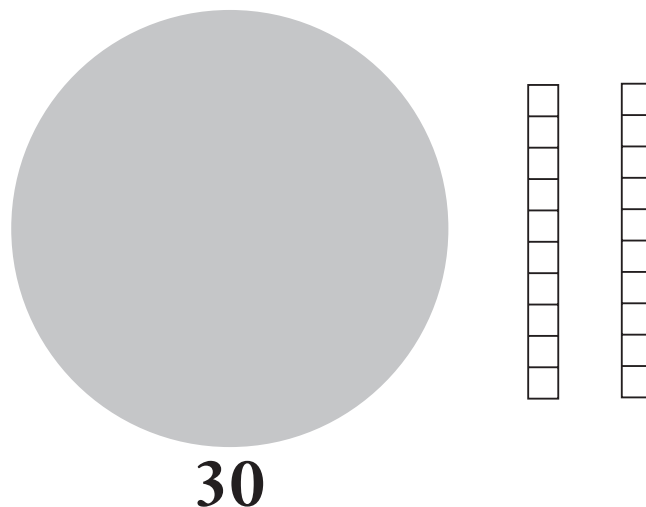
Name \_\_\_\_\_

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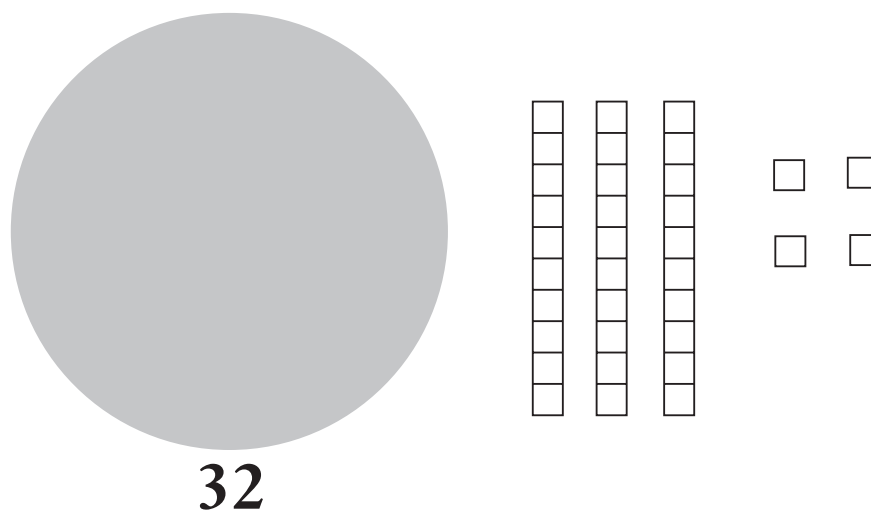
## CBA Addition and Subtraction

### Student Sheet 3

1. There are 30 squares under the circle and 20 to the side. How many squares are there altogether? Can counting on by tens help you on this problem? How?



2. There are 32 squares under the circle and there are 34 to the side. How many squares are there altogether? Can counting on by tens help you on this problem? How?



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## CBA Addition and Subtraction

### Student Sheet 4

Solve the problems. How can counting by tens help? For each problem, write an addition or subtraction sentence that describes the problem.



1. If I'm at house 20 and I go forward 10 houses, what house will I be at?
2. If I'm at house 15 and I go forward 20 houses, what house will I be at?
3. If I'm at house 15 and I go forward 24 houses, what house will I be at?
4. If I'm at house 15 and I go forward 18 houses, what house will I be at?
5. If I'm at house 40 and I go backward 20 houses, what house will I be at?
6. If I'm at house 35 and I go backward 20 houses, what house will I be at?
7. If I'm at house 35 and I go backward 24 houses, what house will I be at?
8. If I'm at house 35 and I go backward 18 houses, what house will I be at?
9. If I'm at house 60 and I go forward 20 houses, what house will I be at?
10. If I'm at house 65 and I go forward 20 houses, what house will I be at?
11. If I'm at house 65 and I go forward 24 houses, what house will I be at?
12. If I'm at house 65 and I go forward 18 houses, what house will I be at?
13. If I'm at house 80 and I go backward 20 houses, what house will I be at?
14. If I'm at house 85 and I go backward 20 houses, what house will I be at?
15. If I'm at house 85 and I go backward 24 houses, what house will I be at?
16. If I'm at house 85 and I go backward 18 houses, what house will I be at?

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## **CBA Addition and Subtraction**

### **Student Sheet 5**

Solve the problems mentally, without counting.

1.  $30 + 40 =$  \_\_\_\_\_

2.  $20 + 50 =$  \_\_\_\_\_

3.  $36 + 40 =$  \_\_\_\_\_

4.  $32 + 45 =$  \_\_\_\_\_

5.  $38 + 45 =$  \_\_\_\_\_

6.  $60 - 40 =$  \_\_\_\_\_

7.  $68 - 45 =$  \_\_\_\_\_

8.  $73 - 45 =$  \_\_\_\_\_

9.  $300 + 400 =$  \_\_\_\_\_

10.  $340 + 400 =$  \_\_\_\_\_

11.  $340 + 420 =$  \_\_\_\_\_

12.  $380 + 430 =$  \_\_\_\_\_

13.  $800 - 500 =$  \_\_\_\_\_

14.  $860 - 500 =$  \_\_\_\_\_

15.  $860 - 520 =$  \_\_\_\_\_

16.  $860 - 380 =$  \_\_\_\_\_

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## **CBA Addition and Subtraction**

### **Student Sheet 6**

Solve the problems mentally. Express your answers as single numerals (like 23 or 72).

1. (6 tens) + (3 tens) = \_\_\_\_\_
2. (6 tens and 7 ones) + (3 tens) = \_\_\_\_\_
3. (6 tens and 7 ones) + (3 tens and 2 ones) = \_\_\_\_\_
4. (5 tens + 6 ones) + (4 tens + 3 ones) = \_\_\_\_\_
5. (3 tens, 6 ones) + (4 tens, 8 ones) = \_\_\_\_\_
6. (2 hundreds and 4 tens and 3 ones) + (7 hundreds and 2 tens and 4 ones) = \_\_\_\_\_
7. (4 hundreds + 5 tens + 3 ones) + (2 hundreds + 2 tens + 4 ones) = \_\_\_\_\_
8. (6 tens) – (3 tens) = \_\_\_\_\_
9. (6 tens and 7 ones) – (3 tens) = \_\_\_\_\_
10. (6 tens and 7 ones) – (3 tens and 2 ones) = \_\_\_\_\_
11. (7 hundreds, 8 tens, 3 ones) – (4 hundreds, 2 tens, 2 ones) = \_\_\_\_\_



# CBA Addition and Subtraction

## Student Sheet Answers

*Although answers are provided for CBA student sheets, when assessing students' work on the sheets, it is essential to determine the CBA levels of reasoning students use.*

### STUDENT SHEET 1

1. 7 cubes
2. 9 cubes
3. 5 cubes
4. 2 cubes
5. 10 cubes
6. 9 cubes
7. 7 cookies
8. 5 cookies
9. 11 cookies
10. 12 cookies
11. 8 cookies
12. 13 cookies
13. 6 cookies
14. 3 cookies
15. 16 cookies
16. 4 pencils

### STUDENT SHEET 2

1. 10 dots
2. 12 dots
3. 15 dots

### STUDENT SHEET 3

1. 50 squares
2. 66 squares

### STUDENT SHEET 4

1. 30
2. 35
3. 39
4. 33
5. 20
6. 15
7. 11
8. 17
9. 80
10. 85
11. 89
12. 83
13. 60
14. 65
15. 61
16. 67

### STUDENT SHEET 5

1. 70
2. 70
3. 76
4. 77
5. 83
6. 20

7. 23

8. 28

9. 700

10. 740

11. 760

12. 810

13. 300

14. 360

15. 340

16. 480

### STUDENT SHEET 6

1. 90

2. 97

3. 99

4. 99

5. 84

6. 967

7. 677

8. 30

9. 37

10. 35

11. 361