

# **First Grade Module 6**

## **Writing and Comparing Numbers**

### **Check-Up Answer Key**

#### **Introduction**

- All bracketed text should not be read aloud and is for reference only.
- The questions and answers have been numbered in this document to aid teachers and parents. However, the questions are not numbered the same way, if numbered at all, in the student documents.
- It is highly recommended that this check-up be completed across two or more sessions.

#### **Part 1**

##### **Part 1 Materials**

- Counting to 120 Chart available in braille within the curriculum (Although the double-spaced chart is recommended for most first graders, a single-spaced alternative chart is also available in the curriculum.)
- Student Braille Document: G1-M6-Check-Up-Student.brf
- G1-M6-Check-Up-Data-Table.docx

##### **Part 1 Teacher Script**

###### **Question 1.1**

Using a Counting to 120 Chart, skip count by 10s to 120, beginning with 10.

Answer 1.1

10 20 30 40 50 60 70 80 90 100 110 120

###### **Question 1.2**

Now use your braille chart and skip count by 10 through the last row in the chart, beginning with the following numbers:

7 21 35 63 14 78 42 86

Answer 1.2

7 17 27 37 47 57 67 77 87 97 107 117

21 31 41 51 61 71 81 91 101 111

35 45 55 65 75 85 95 105 115

63 73 83 93 103 113

14 24 34 44 54 64 74 84 94 104 114

78 88 98 108 118

42 52 62 72 82 92 102 112

86 96 106 116

Listen as I read each math problem, and then use your Counting to 120 chart to answer the question.

**Question 1.3**

What number is ten less than 110?

Answer 1.3

100

**Question 1.4**

What number is ten more than 74?

Answer 1.4

84

**Question 1.5**

What number is ten less than 59?

Answer 1.5

49

**Question 1.6**

What number is ten more than 83?

Answer 1.6

93

**Question 1.7**

What number is ten less than 66?

Answer 1.7

56

**Question 1.8**

What number is ten less than 72?

Answer 1.8

62

**Question 1.9**

What number is ten more than 27?

Answer 1.9

37

**Question 1.10**

What number is ten more than 45?

Answer 1.10

55

**Question 1.11**

What number is ten less than 38?

Answer 1.11

28

**Question 1.12**

What number is ten more than 93?

Answer 1.12

103

**Question 1.13**

Read the numbers from 1-50 on page 1, beginning with the fifth line of braille. There will be 5 numbers on each line.

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Answer 1.13

25 39 42 50 38  
20 44 11 4 32  
28 22 7 36 14  
48 36 7 31 30

**Question 1.14**

Read the numbers from 51-100, beginning in the middle of page 1. There will be 5 numbers on each line.

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Answer 1.16

20+9

40+8

30+4

40+6

10+6

30+2

10+0

40+7

### Question 1.17

Read each number 51-99 in expanded form, beginning at the top of page 3.

⠠⠠⠠⠠⠠⠠

⠠⠠⠠⠠⠠⠠

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Answer 1.17

90+5

80+1

60+0

50+8

80+7

80+3

70+2

50+1

## Part 2

### Part 2 Materials

- Braillewriter
- Braille paper
- G1-M6-Check-Up-Data-Table.docx
- Optional: Place Value Chart 1 available in braille within the curriculum, base ten blocks

### Part 2 Teacher Script

#### Question 2.1

Write the following numbers 1-100 in standard form. Space one time between the numbers.

89 22 57 64 78

39 100 84 45 98

### Answer 2.1

The student should write the following numbers in standard form:

Line 1: 89 22 57 64 78

Line 2: 39 100 84 45 98

## Question 2.2

Write the following numbers 101-120 in standard form. Space one time between the numbers.

103 107 116 111 102

118 110 105 113 120

### Answer 2.2

The student should write the following numbers in standard form:

103 107 116 111 102

118 110 105 113 120

### Question 2.3

Write the following numbers 1-50 in expanded form. Press your line spacing key twice to go to a new line each time.

46 12 48 50 31

28 25 37 17 29



### Answer 2.3

The student should write the following numbers in expanded form:

$40+6$

10+2

$40+8$

50+0

$30+1$

$20+8$

20+5

$30+7$

$10+7$

$20+9$

## Question 2.4

Write the following numbers 51-99 in expanded form. Press your line spacing key twice to go to a new line each time.

58 61 55 83 40

96 78 64 91 53

Answer 2.4

The student should write the following numbers in expanded form:

50+8

⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠

60+1

⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠

50+5

⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠

80+3

⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠

40+0

⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠

90+6

⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠

70+8

⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠

60+4

⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠

$90+1$



$50+3$



## Part 3

## Part 3 Materials

- Braillewriter
- Braille paper
- G1-M6-Check-Up-Data-Table.docx

## Part 3 Teacher Script

Listen and then braille what you hear. Start numbering your problems.

Let me know if you need for me to repeat what you should braille. I will repeat it as many times as you need.

### Question 3.1

1. long dash
2. greater than sign
3. less than sign

### Answer 3.1

The student should write:

1. long dash (four cells of dots 3-6)



2. greater than sign (dots 4-6, followed by dot 2)



3. less than sign (dot 5, followed by dots 1-3)

⠠⠨⠠⠨⠠⠨⠠⠨

### Question 3.2

4. 4 blank 7

5. 8 blank 5

Answer 3.2

4. 4 \_\_\_\_ 7

⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨

5. 8 \_\_\_\_ 5

⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨

### Question 3.3

6. 14 blank 20

7. 98 blank 54

Answer 3.3

6. 14 \_\_\_\_ 20

⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨

7. 98 \_\_\_\_ 54

⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨

### Question 3.4

8. 3 is less than 9.

9. 2 is greater than 1.

10. 8 is greater than 5.

11. 4 is less than 6.

Answer 3.4

8.  $3 < 9$

⠠⠨⠠⠆⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨

9.  $2 > 1$

⠠⠨⠠⠆⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨

10.  $8 > 5$

⠠⠨⠠⠆⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨

11.  $4 < 6$

⠠⠨⠠⠆⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨

### Question 3.5

12. 61 is greater than 40.

13. 17 is less than 77.

14. 82 is less than 86.

15. 73 is greater than 59.

Answer 3.5

12.  $61 > 40$

⠠⠨⠠⠆⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨

13.  $17 < 77$

⠠⠨⠠⠆⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨

14.  $82 < 86$

⠠⠨⠠⠆⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨

15.  $73 > 59$

## Part 4

## Part 4 Materials

- Student Braille Document: G1-M6-Check-Up-Student.brf
- G1-M6-Check-Up-Data-Table.docx

## Part 4 Teacher Script

### Question 4.1

Find the long dash in the expression on the second line of braille on page 4.

99 98

### Answer 4.1

The student should locate the long dash in the middle of the expression.

### Question 4.2

Find the greater than sign in the inequality on the third line of braille.

$$54 > 52$$

### Answer 4.2

The student should locate the greater than sign in the middle of the inequality.

### Question 4.3

Find the less than sign in the inequality on the fourth line of braille.

29 < 38

### Answer 4.3

The student should locate the less than sign in the middle of the inequality.

Read the expressions, beginning in the middle of page 4.

### Question 4.4

8 \_\_\_\_\_ 1

Figure 1 shows six 3x3 dot patterns labeled (a) through (f). Each pattern consists of black dots on a 3x3 grid. (a) has 5 dots, (b) has 6, (c) has 7, (d) has 8, (e) has 9, and (f) has 10 dots.

#### Answer 4.4

8 blank 1

### Question 4.5

3 \_\_\_\_\_ 9

Answer 4.5

3 blank 9

### Question 4.6

34 \_\_\_\_\_ 40

### Answer 4.6

34 blank 40

### Question 4.7

89 \_\_\_\_\_ 99

Answer 4.7

89 blank 99

Now read the inequalities, beginning on the next to the last line of braille on the page.

### Question 4.8

$$6 > 5$$

Answer 4.8

6 is greater than 5.

### Question 4.9

 $1 < 2$ 

Answer 4.9

1 is less than 2.

Let's read some more inequalities, beginning at the top of page 5.

### Question 4.10

$$74 > 60$$

Answer 4.10

74 is greater than 60.



### Question 4.11

$$96 > 87$$

Answer 4.11

96 is greater than 87.

### Question 4.12

$14 < 51$

Answer 4.12

14 is less than 51.

### Question 4.13

$27 < 39$

Answer 4.13

27 is less than 39.

## Part 5

## Part 5 Materials

- Student Braille Document: G1-M6-Check-Up-Student.brf
- Braillewriter
- Braille paper
- G1-M6-Check-Up-Data-Table.docx

## Part 5 Teacher Script

You will complete this activity independently. Read the expressions, beginning at the top of page 6, and then write the missing signs of comparison. Don't forget to number your problems.

### Question 5.1

1. 5 \_\_\_\_\_ 3

Answer 5.1

## 1. Greater than

### Question 5.2

2. 7 \_\_\_\_\_ 8

Figure 1 shows five 3x3 dot patterns labeled (a) through (e). Each pattern consists of black dots on a 3x3 grid. Pattern (a) has 10 dots, (b) has 8 dots, (c) has 12 dots, (d) has 14 dots, and (e) has 10 dots.

Answer 5.2

## 2. Less than

### Question 5.3

3. 0          6

Figure 1 shows five 3x3 dot patterns labeled (a) through (e). Each pattern consists of black dots on a 3x3 grid. Pattern (a) has 10 dots, pattern (b) has 8 dots, pattern (c) has 12 dots, pattern (d) has 12 dots, and pattern (e) has 10 dots.

### Answer 5.3

### 3. Less than

### Question 5.4

4. 4 \_\_\_\_\_ 2

### Answer 5.4

#### 4. Greater than

### Question 5.5

5. 1 \_\_\_\_\_ 3

Figure 1 shows five 3x3 dot patterns labeled (a) through (e). Pattern (a) has 10 dots. Pattern (b) has 8 dots. Pattern (c) has 12 dots. Pattern (d) has 12 dots. Pattern (e) has 9 dots.

Answer 5.5

5. Less than

Let's try some more.

### Question 5.6

6. 15 \_\_\_\_\_ 21

### Answer 5.6

## 6. Less than

### Question 5.7

7. 32 \_\_\_\_\_ 36

Answer 5.7

7. Less than

### Question 5.8

8. 90 \_\_\_\_\_ 13

Answer 5.8

8. Greater than

### Question 5.9

9. 71 \_\_\_\_\_ 68

Answer 5.9

## 9. Greater than

### Question 5.10

10. 40 \_\_\_\_\_ 42

Answer 5.10

10. Less than

### Question 5.11

11. 83 \_\_\_\_\_ 82

Answer 5.11

## 11. Greater than

Turn to page 7 and let's try some more.

### Question 5.12

12. 19 \_\_\_\_\_ 14

Answer 5.12

## 12. Greater than

### Question 5.13

13. 76          43

Answer 5.13

### 13. Greater than

### Question 5.14

14. 81 \_\_\_\_\_ 91

Answer 5.14

14. Less than

### Question 5.15

15. 48 \_\_\_\_\_ 39

Answer 5.15

15. Greater than