

Kindergarten Module 3 Numbers 16-20, Mathematical Comma, and Punctuation Indicator 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

- Student Braille Document: GK-M3-Check-Up-Student.brf
- GK-M3-Check-Up-Data-Table.docx

Part 1 Teacher Script

This activity will help us find out how well you have learned the numbers 16 to 20 as well as the mathematical comma, punctuation indicator, period, and general omission symbol so far. Follow the directions for each line.

Question 1.1

There is just one symbol on the third line of braille. It is on the left side of the page.

[dots 4-5-6, dots 1-4-6]

⠠⠠

You should remember from Module 3 that this is called an opening Nemeth Code indicator. It tells us that we are going to read math or science. Dots 4-5-6 are in the first cell, and dots 1-4-6 are in the second cell.

Find the number 18 in the fourth line of braille.

⠠⠠⠠⠠⠠ ⠠⠠⠠⠠⠠ ⠠⠠⠠ ⠠⠠⠠⠠⠠ ⠠⠠⠠⠠⠠

Answer 1.1

⠠⠠⠠⠠⠠

The student should point to the second item in the line.

Question 1.2

Find the number 16 in the fifth line of braille.

⠠⠠⠠ ⠠⠠⠠ ⠠⠠⠠⠠⠠ ⠠⠠⠠ ⠠⠠⠠⠠⠠

Answer 1.2

⠠⠠⠠⠠⠠

The student should point to the third item in the line.

Question 1.3

Find the number 19 in the next line of braille.

[Make sure the student is viewing the sixth line of braille on page 1.]

⠠⠠⠠⠠⠠ ⠠⠠⠠ ⠠⠠⠠ ⠠⠠⠠ ⠠⠠⠠⠠⠠

Answer 1.3

⠠⠠⠠⠠⠠

The student should point to the last item in the line.

Question 1.4

Find the number 20 in the next line of braille.

[Make sure the student is viewing the seventh line of braille on page 1.]

⠠⠠⠠⠠⠠ ⠠⠠⠠⠠⠠ ⠠⠠⠠ ⠠⠠⠠⠠⠠ ⠠⠠⠠⠠⠠

Answer 1.4

⠠⠠⠠⠠

The student should point to the first item in the line.

Question 1.5

Find the number 17 in the next line of braille.

[Make sure the student is viewing the eighth line of braille on page 1.]

⠠⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠

Answer 1.5

⠠⠠⠠⠠

The student should point to the fourth item in the line.

Question 1.6

Find the mathematical commas in the last line of braille.

⠠⠠⠠⠠⠠ ⠠⠠⠠⠠⠠ ⠠⠠⠠⠠

Answer 1.6

⠠⠠

The student should point to the last cell in the first two items listed with two in total.

Turn to page 2 and let's try some more!

Question 1.7

Find the number 16 in the first line of braille.

⠠⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠

Answer 1.7

⠠⠠⠠⠠

The student should point to the first item in the line.

Question 1.8

Find the number 20 in the second line of braille.

⠠⠠⠠⠠ ⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠⠠

Answer 1.8

⠠⠠⠠⠠

The student should point to the fourth item in the line.

Question 1.9

Find the number 18 in the third line of braille.

⠠⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠⠠

Answer 1.9

⠠⠠⠠⠠

The student should point to the last item in the line.

Question 1.10

Find the number 19 in the fourth line of braille.

⠠⠠⠠⠠ ⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠⠠

Answer 1.10

⠠⠠⠠⠠

The student should point to the third item in the line.

Question 1.11

Find the number 17 in the fifth line of braille.

Answer 1.11

The student should point to the second item in the line.

Question 1.12

Find the general omission symbols in the sixth line of braille.

Answer 1.12



The student should point to the second and last items in the line.

Question 1.13

Move your hands down the page to the next line of braille and then read the numbers.

[Make sure the student is viewing the six lines of braille at the bottom of page 2.]

2. 18 ?

The general omission symbol stands for 19.

3. 16 ?

The general omission symbol stands for 17.

4. 19 ?

The general omission symbol stands for 20.

5. 12 ?

The general omission symbol stands for 13.

Question 1.15

Move your hands down the page to the next line of braille. Once again, find the punctuation indicator and period in each line of braille. Then read the math problems about “one less” aloud. Then tell me what number the general omission symbol stands for.

[Make sure the student is viewing the last five lines of braille on page 3.]

Answer 1.15

The student should identify the punctuation indicator is in the third cell of each line of braille, and the period is in the fourth cell.

6. 14 ?

The general omission symbol stands for 13.

7. 19 ?

The general omission symbol stands for 18.

8. 6 ?

The general omission symbol stands for 5.

9. 17 ?

The general omission symbol stands for 16.

10. 13 ?

The general omission symbol stands for 12.

Part 2

Part 2 Materials

- Braillewriter
- Braille paper
- Base ten blocks: units and rods in different containers, baskets, or bowls (Alternative: Digi-Blocks - a different type of base ten block that nests)
- Place Value Chart available in contracted and uncontracted braille within the curriculum (Alternative: two-compartment sorting tray with the right compartment labeled "ones" and the left compartment labeled "tens" in braille)
- GK-M3-Check-Up-Data-Table.docx

Part 2 Teacher Script

Write the number and then build it by using base ten blocks (or Digi-Blocks).

Question 2.1

19

Answer 2.1

⠠⠠⠠⠠⠠⠠

The student should:

- write number 19
- build 19 with 1 rod (tens block) and 9 unit blocks

Question 2.2

16

Answer 2.2



The student should:

- write number 16
- build 16 with 1 rod (tens block) and 6 unit blocks

Question 2.3

18

Answer 2.3



The student should:

- write number 18
- build 18 with 1 rod (tens block) and 8 unit blocks

Question 2.4

20

Answer 2.4



The student should:

- write number 20
- build 20 with 2 rods (tens blocks) and 0 unit blocks

Question 2.5

17

Answer 2.5



The student should:

- write number 17
- build 17 with 1 rod (tens block) and 7 unit blocks

Part 3

Part 3 Materials

- Braillewriter
- Braille paper
- GK-M3-Check-Up-Data-Table.docx

Part 3 Teacher Script

Listen and then braille what you hear. Don't forget to number 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. 17 general omission symbol 19 20

Answer 3.1

The student should write: number 1, punctuation indicator, period, 17
general omission symbol 19 20



Question 3.2

2. 6 7 general omission symbol

Answer 3.2

The student should write: number 2, punctuation indicator, period, 6
7 general omission symbol

⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨

Question 3.3

3. 15 16 general omission symbol

Answer 3.3

The student should write: number 3, punctuation indicator, period, 15
16 general omission symbol

⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨

Question 3.4

4. 11, 12, 13

Answer 3.4

The student should write: number 4, punctuation indicator, period,
11, 12, 13

⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨

Question 3.5

5. 2, 3, 4

Answer 3.5

The student should write: number 5, punctuation indicator, period, 2,
3, 4

⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨

Part 4

Part 4 Materials

- Student Braille Document: GK-M3-Check-Up-Student.brf
- Braillewriter
- Braille paper
- GK-M3-Check-Up-Data-Table.docx

Part 4 Teacher Script

Question 4.1

Turn to page 4 of your braille document, and count the number of tally marks on each line. Then write the number of tally marks using your braillewriter. Space one time between your answers.

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Answer 4.1

The student should have written: 20 16 19 18 15 17

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