

First Grade Module 3

Addition to 20 and Drawing Shapes

Check-Up Answer Key

Introduction

- This check-up should be completed with hard copy braille and a braillewriter instead of a refreshable braille display.
- 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.
- If desired, the student can use the ten frame included in the curriculum, pennies, and a work tray when completing the addition portions of the check-up. It may help to place the ten frame on a nonslip surface such as a rubber shelf liner.

Part 1

Part 1 Materials

- Student Braille Document: G1-M3-Check-Up-Student.brf
- G1-M3-Check-Up-Data-Table.docx

Part 1 Teacher Script

Question 1.1

Read the vertically aligned problems involving addition within 20 on page 1.

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••••
••••••

••
••••
••••••

$$\begin{array}{r} 3 \\ +4 \\ \hline \end{array}$$

Answer 1.1

3 plus 4 equals

$$\begin{array}{r} 3 \\ +4 \\ \hline \end{array}$$

5 plus 5 equals

$$\begin{array}{r} 5 \\ +5 \\ \hline \end{array}$$

7 plus 4 equals

$$\begin{array}{r} 7 \\ +4 \\ \hline \end{array}$$

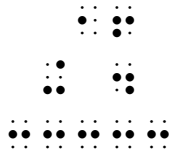
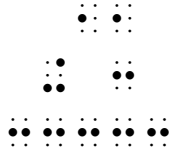
Question 1.2

Turn to page 2 and continue to read the problems.

$$\begin{array}{r} 3 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +4 \\ \hline \end{array}$$



Answer 1.2

10 plus 8 equals

10
+8

2 plus 5 equals

2
+5

1 plus 4 equals

1
+4

11 plus 3 equals

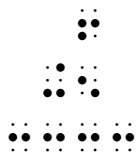
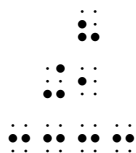
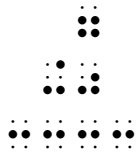
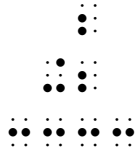
11
+3

16 plus 4 equals

16
+4

Question 1.3

Turn to page 3 and continue to read the problems.



Answer 1.3

2 plus 2 equals

$$\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$$

7 plus 0 equals

$$\begin{array}{r} 7 \\ +0 \\ \hline \end{array}$$

8 plus 1 equals

$$\begin{array}{r} 8 \\ +1 \\ \hline \end{array}$$

6 plus 5 equals

$$\begin{array}{r} 6 \\ +5 \\ \hline \end{array}$$

Read the numbered problems involving addition within 20 on page 4 of your braille document.

Question 1.4

[Make sure the student is viewing the first row of problems on page 4.]

$$\begin{array}{r} 13 \\ +4 \\ \hline \end{array} \qquad \begin{array}{r} 8 \\ +8 \\ \hline \end{array}$$

Answer 1.4

The student should read number 1: 13 plus 4 equals and number 2: 8 plus 8 equals.

$$\begin{array}{r} 1. \quad 13 \\ \quad +4 \\ \hline \end{array} \qquad \begin{array}{r} 2. \quad 8 \\ \quad +8 \\ \hline \end{array}$$

Question 1.5

[Make sure the student is viewing the second row of problems on page 4.]

$$\begin{array}{r} 5 \\ +7 \\ \hline \end{array} \qquad \begin{array}{r} 1 \\ +9 \\ \hline \end{array}$$

Answer 1.5

The student should read number 3: 5 plus 7 equals and number 4: 1 plus 9 equals.

$$\begin{array}{r} 3. \quad 5 \\ \quad +7 \\ \hline \end{array} \qquad \begin{array}{r} 4. \quad 1 \\ \quad +9 \\ \hline \end{array}$$

Question 1.6

[Make sure the student is viewing the third row of problems on page 4.]

$$\begin{array}{r} 13 \\ +4 \\ \hline \end{array} \qquad \begin{array}{r} 8 \\ +8 \\ \hline \end{array}$$

Answer 1.6

The student should read number 5: 4 plus 3 equals and number 6: 19 plus 0 equals.

$$5. \quad \begin{array}{r} 4 \\ \pm 3 \end{array}$$

$$6. \quad \begin{array}{r} 19 \\ \pm 0 \end{array}$$

Question 1.7

[Make sure the student is viewing the fourth row of problems on page 4.]

$$\begin{array}{cccc} \dots & \dots & \dots & \dots \\ \dots & \dots & \dots & \dots \\ \dots & \dots & \dots & \dots \\ \dots & \dots & \dots & \dots \end{array}$$

Answer 1.7

The student should read number 7: 18 plus 2 equals and number 8: 12 plus 3 equals.

$$7. \quad \begin{array}{r} 18 \\ \pm 2 \end{array}$$

$$8. \quad \begin{array}{r} 12 \\ \pm 3 \end{array}$$

Question 1.8

[Make sure the student is viewing the last row of problems on page 4.]

$$\begin{array}{cccc} \dots & \dots & \dots & \dots \\ \dots & \dots & \dots & \dots \\ \dots & \dots & \dots & \dots \\ \dots & \dots & \dots & \dots \end{array}$$

Answer 1.8

The student should read number 9: 7 plus 6 equals and number 10: 10 plus 6 equals.

$$9. \quad \begin{array}{r} 7 \\ \pm 6 \end{array}$$

$$10. \quad \begin{array}{r} 10 \\ \pm 6 \end{array}$$

Part 2

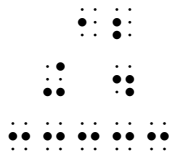
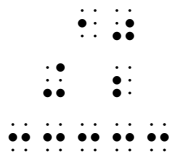
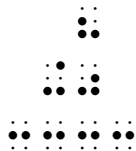
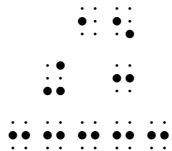
Part 2 Materials

- Student Braille Document: G1-M3-Check-Up-Student.brf
- G1-M3-Check-Up-Data-Table.docx

Part 2 Teacher Script

Question 2.1

Now read each problem involving addition on page 5, use the count on strategy, and then tell me the answer.



Answer 2.1

15 plus 3 equals 18.

$$\begin{array}{r} 15 \\ +3 \\ \hline 18 \end{array}$$

8 plus 0 equals 8.

$$\begin{array}{r} 8 \\ +0 \\ \hline 8 \end{array}$$

10 plus 2 equals 12.

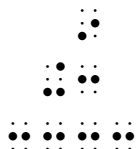
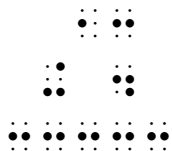
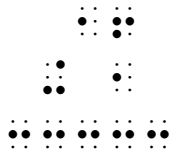
$$\begin{array}{r} 10 \\ +2 \\ \hline 12 \end{array}$$

12 plus 4 equals 16.

$$\begin{array}{r} 12 \\ +4 \\ \hline 16 \end{array}$$

Question 2.2

Turn to page 6 and continue to read the problems. Then use the count on strategy and tell me the answer.



$$\begin{array}{r} 16 \\ +1 \\ \hline 17 \end{array}$$

Answer 2.2

16 plus 1 equals 17.

$$\begin{array}{r} 16 \\ +1 \\ \hline 17 \end{array}$$

13 plus 4 equals 17.

$$\begin{array}{r} 13 \\ +4 \\ \hline 17 \end{array}$$

9 plus 3 equals 12.

$$\begin{array}{r} 9 \\ +3 \\ \hline 12 \end{array}$$

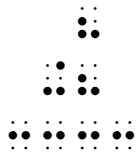
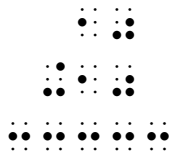
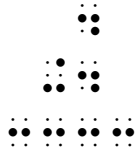
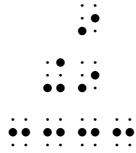
14 plus 2 equals 16.

$$\begin{array}{r} 14 \\ +2 \\ \hline 16 \end{array}$$

Question 2.3

Now read each doubles addition problem on page 7 and then tell me the answer.

$$\begin{array}{r} 10 \\ +10 \\ \hline 20 \end{array}$$



Answer 2.3

3 plus 3 equals 6.

$$\begin{array}{r} 3 \\ +3 \\ \hline 6 \end{array}$$

9 plus 9 equals 18.

$$\begin{array}{r} 9 \\ +9 \\ \hline 18 \end{array}$$

4 plus 4 equals 8.

$$\begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array}$$

10 plus 10 equals 20.

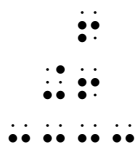
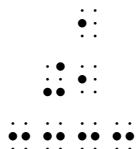
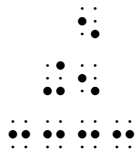
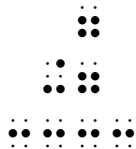
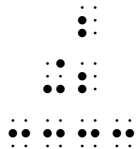
$$\begin{array}{r} 10 \\ + 10 \\ \hline 20 \end{array}$$

8 plus 8 equals 16.

$$\begin{array}{r} 8 \\ + 8 \\ \hline 16 \end{array}$$

Question 2.4

Turn to page 8 and continue to read each problem. Then tell me the answer.



Answer 2.4

2 plus 2 equals 4.

$$\begin{array}{r} 2 \\ +2 \\ \hline 4 \end{array}$$

7 plus 7 equals 14.

$$\begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array}$$

5 plus 5 equals 10.

$$\begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array}$$

1 plus 1 equals 2.

$$\begin{array}{r} 1 \\ +1 \\ \hline 2 \end{array}$$

6 plus 6 equals 12.

$$\begin{array}{r} 6 \\ +6 \\ \hline 12 \end{array}$$

Now read each problem involving addition on page 9 of your braille document, use the doubles plus one strategy, and then tell me the answer.

Question 2.5

[Make sure the student is viewing the first row of problems on page 9.]

$$\begin{array}{r} 2 \\ +2 \\ \hline 4 \end{array} \quad \begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array} \quad \begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array} \quad \begin{array}{r} 1 \\ +1 \\ \hline 2 \end{array}$$

Answer 2.5

The student should read number 1: 1 plus 2 equals 3 and number 2: 9 plus 8 equals 17.

$$\begin{array}{r} 1. \quad 1 \\ +2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 2. \quad 9 \\ +8 \\ \hline 17 \end{array}$$

Question 2.6

[Make sure the student is viewing the second row of problems on page 9.]

$$\begin{array}{r} \text{⠠⠠⠠⠠⠠⠠} \quad \text{⠠⠠} \quad \text{⠠⠠⠠⠠⠠⠠} \quad \text{⠠⠠} \\ \text{⠠⠠⠠} \\ \text{⠠⠠⠠⠠⠠⠠} \end{array} \quad \begin{array}{r} \text{⠠⠠⠠⠠⠠⠠} \quad \text{⠠⠠} \quad \text{⠠⠠⠠⠠⠠⠠} \quad \text{⠠⠠} \\ \text{⠠⠠⠠} \\ \text{⠠⠠⠠⠠⠠⠠} \end{array}$$

Answer 2.6

The student should read number 3: 5 plus 6 equals 11 and number 4: 6 plus 7 equals 13.

$$\begin{array}{r} 3. \quad 5 \\ +6 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 4. \quad 6 \\ +7 \\ \hline 13 \end{array}$$

Question 2.7

[Make sure the student is viewing the third row of problems on page 9.]

$$\begin{array}{r} \text{⠠⠠⠠⠠⠠⠠} \quad \text{⠠⠠} \quad \text{⠠⠠⠠⠠⠠⠠} \quad \text{⠠⠠} \\ \text{⠠⠠⠠} \\ \text{⠠⠠⠠⠠⠠⠠} \end{array} \quad \begin{array}{r} \text{⠠⠠⠠⠠⠠⠠} \quad \text{⠠⠠} \quad \text{⠠⠠⠠⠠⠠⠠} \quad \text{⠠⠠} \\ \text{⠠⠠⠠} \\ \text{⠠⠠⠠⠠⠠⠠} \end{array}$$

Answer 2.7

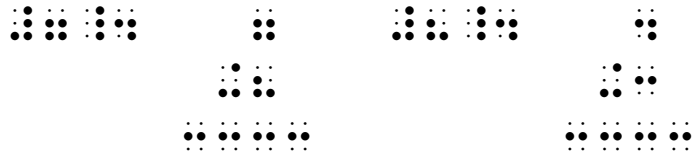
The student should read number 5: 3 plus 2 equals 5 and number 6: 5 plus 4 equals 9.

$$\begin{array}{r} 5. \quad 3 \\ +2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 6. \quad 5 \\ +4 \\ \hline 9 \end{array}$$

Question 2.8

[Make sure the student is viewing the last row of problems on page 9.]



Answer 2.8

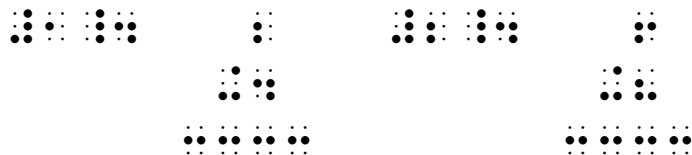
The student should read number 7: 7 plus 8 equals 15 and number 8: 4 plus 3 equals 7.

7.	7	8.	4
	<u>+8</u>		<u>+3</u>
	15		7

Now read each problem involving addition on page 10 of your braille document, use the doubles plus two strategy, and then tell me the answer.

Question 2.9

[Make sure the student is viewing the first row of problems on page 10.]



Answer 2.9

The student should read number 1: 2 plus 4 equals 6 and number 2: 6 plus 8 equals 14.

1.	2	2.	6
	<u>+4</u>		<u>+8</u>
	6		14

Question 2.10

[Make sure the student is viewing the second row of problems on page 10.]

$$\begin{array}{r}
 \text{3} \\
 + \text{5} \\
 \hline
 \text{8}
 \end{array}
 \qquad
 \begin{array}{r}
 \text{5} \\
 + \text{7} \\
 \hline
 \text{12}
 \end{array}$$

Answer 2.10

The student should read number 3: 3 plus 5 equals 8 and number 4: 5 plus 7 equals 12.

$$\begin{array}{r}
 \text{3} \\
 + \text{5} \\
 \hline
 \text{8}
 \end{array}
 \qquad
 \begin{array}{r}
 \text{5} \\
 + \text{7} \\
 \hline
 \text{12}
 \end{array}$$

Question 2.11

[Make sure the student is viewing the third row of problems on page 10.]

$$\begin{array}{r}
 \text{4} \\
 + \text{6} \\
 \hline
 \text{10}
 \end{array}
 \qquad
 \begin{array}{r}
 \text{7} \\
 + \text{9} \\
 \hline
 \text{16}
 \end{array}$$

Answer 2.11

The student should read number 5: 4 plus 6 equals 10 and number 6: 7 plus 9 equals 16.

$$\begin{array}{r}
 \text{4} \\
 + \text{6} \\
 \hline
 \text{10}
 \end{array}
 \qquad
 \begin{array}{r}
 \text{7} \\
 + \text{9} \\
 \hline
 \text{16}
 \end{array}$$

Part 3

Part 3 Materials

- Work tray

- 18 different sized, 2-dimensional shapes. There should be 3 circles, 3 triangles, 3 rectangles, 3 half-circles, 3 trapezoids, and 3 squares. These manipulative can be found in the following kits available from the American Printing House for the Blind (APH):
 - MathBuilders, Unit 1: Matching, Sorting, and Patterning Kit
 - Fractional Parts of Wholes: Circles
 - Focus in Math Kit
 - Feel 'n Peel Sheets: Carousel of Textures has a variety of non-adhesive backed textured paper that can be used to create shapes
- inTACT Sketchpad or a DRAFTSMAN: Tactile Drawing Board
- Tactile drawing film
- G1-M3-Check-Up-Data-Table.docx
- Optional: Wikki Stix® or graphic art tape, braille paper

Part 3 Teacher Notes

- For the first question, the orientation of the shapes should vary.
- If the student calls a square a rectangle, tell them that they are correct, but it is a special kind of rectangle. What is its special name?
- If students seem to struggle in providing a description, you can offer a helping hint or a 2-dimensional shape.
- For question 8, the following shapes should be drawn in random order from left to right: 1) circle; 2) half-circle; 3) rectangle; 4) square; 5) trapezoid; and 6) triangle on the inTACT Sketchpad or a DRAFTSMAN: Tactile Drawing Board. You may also use Wikki Stix® or graphic art tape on braille paper to create the shapes.

Part 3 Teacher Script

Question 3.1

I have placed 18 shapes into a work tray. Pick up one shape at a time and tell me if it is a square, rectangle, triangle, half-circle, circle, or trapezoid.

Answer 3.1

The student should correctly identify each of the shapes.

Now place the shapes back in the work tray and tell me about each shape, as I give you the name.

Question 3.2

circle

Answer 3.2

A circle is a perfectly round shape. There are no straight sides or corners on a circle.

Question 3.3

triangle

Answer 3.3

A triangle has 3 sides and 3 corners or vertices.

Question 3.4

rectangle

Answer 3.4

A rectangle has 4 sides and 4 corners. All 4 corners are the same size. The opposite sides of a rectangle are equal in length.

Question 3.5

half-circle

Answer 3.5

If I cut a circle into two equal parts, then I will have two half-circles. Sometimes half-circles are called semi-circles. Each half-circle has a straight edge and two half-circles of the same size can be put together to make a circle.

Question 3.6

square

Answer 3.6

A square is a special kind of rectangle. It has 4 sides and 4 corners. All 4 corners are the same size. All 4 sides of a square are the same length.

Question 3.7

trapezoid

Answer 3.7

A trapezoid has 4 sides and 4 corners, but not all of the sides are equal in length. Exactly two of the sides of the trapezoid are parallel. The parallel sides are always the same distance from each other and will never touch. The parallel sides are called bases, and the nonparallel sides are called legs.

Question 3.8

I have used the inTACT Sketchpad (or the DRAFTSMAN: Tactile Drawing Board) to draw several shapes. Use both hands and scan the drawing film from left to right. Then tell me the name of each shape, moving from left to right!

Answer 3.8

The student should correctly identify each of the shapes.

Question 3.9

How is a triangle different from a square?

Answer 3.9

A triangle has 3 sides and 3 corners and a square has 4 sides and 4 corners.

Question 3.10

How is a trapezoid different from a rectangle?

Answer 3.10

A rectangle has four right angles and a trapezoid does not. In addition, opposite sides of a rectangle are parallel and equal in length. In a trapezoid, one pair of the opposite sides are not parallel.

Question 3.11

How is a half-circle like a circle?

Answer 3.11

If I cut a circle into two equal parts, then I will have two half-circles. Each half-circle has a straight edge and two half-circles of the same size can be put together to make a circle. A circle is completely round, and a half-circle is partially round.

Question 3.12

How is a trapezoid like a rectangle?

Answer 3.12

They both have four sides and four corners. They each have at least two sides that are parallel.

Now place a new sheet of tactile drawing film in the Sketchpad (or the DRAFTSMAN) and draw each shape as I give you the name.

Question 3.13

circle

Answer 3.13

The student should draw a circle.

Question 3.14

triangle

Answer 3.14

The student should draw a triangle.

Question 3.15

rectangle

Answer 3.15

The student should draw a rectangle.

Question 3.16

half-circle

Answer 3.16

The student should draw a half-circle.

Question 3.17

square

Answer 3.17

The student should draw a square.

Question 3.18

trapezoid

Answer 3.18

The student should draw a trapezoid.

Part 4

Part 4 Materials

- Student Braille Document: G1-M3-Check-Up-Student.brf
- Braillewriter
- Braille paper
- G1-M3-Check-Up-Data-Table.docx

Part 4 Teacher Script

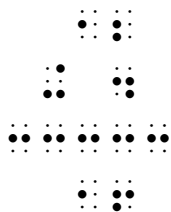
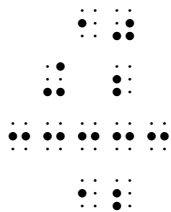
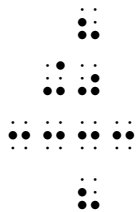
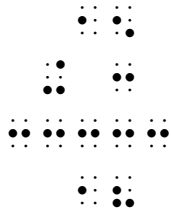
Question 4.1

Use your braillewriter to answer the problems on pages 5-10 in the student document. Begin by placing each page in your braillewriter. Finish by taking each page out of the braillewriter.

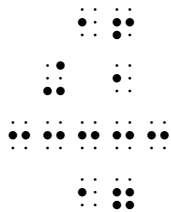
Answer 4.1

After inserting each page in the braillewriter, the student should braille the answer for each problem directly below the separation line.

Page 5: The student should write 18 below 15 plus 3 equals, 8 below 8 plus 0 equals, 12 below 10 plus 2 equals, and 16 below 12 plus 4 equals.



Page 6: The student should write 17 below 16 plus 1 equals, 17 below 13 plus 4 equals, 12 below 9 plus 3 equals, and 16 below 14 plus 2 equals.



$$\begin{array}{r} \text{3} \\ \text{+} \\ \text{3} \\ \hline \text{6} \end{array}$$

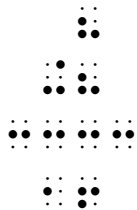
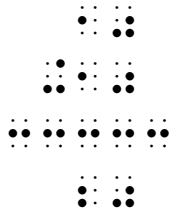
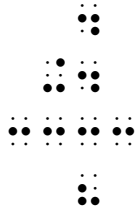
$$\begin{array}{r} \text{9} \\ \text{+} \\ \text{9} \\ \hline \text{18} \end{array}$$

$$\begin{array}{r} \text{4} \\ \text{+} \\ \text{4} \\ \hline \text{8} \end{array}$$

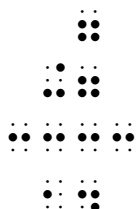
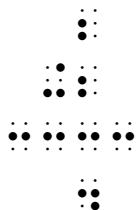
Page 7: The student should write 6 below 3 plus 3 equals, 18 below 9 plus 9 equals, 8 below 4 plus 4 equals, 20 below 10 plus 10 equals, and 16 below 8 plus 8 equals.

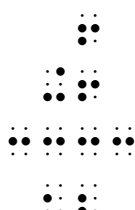
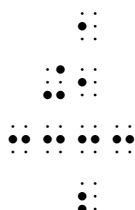
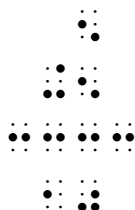
$$\begin{array}{r} \text{10} \\ \text{+} \\ \text{10} \\ \hline \text{20} \end{array}$$

$$\begin{array}{r} \text{8} \\ \text{+} \\ \text{8} \\ \hline \text{16} \end{array}$$

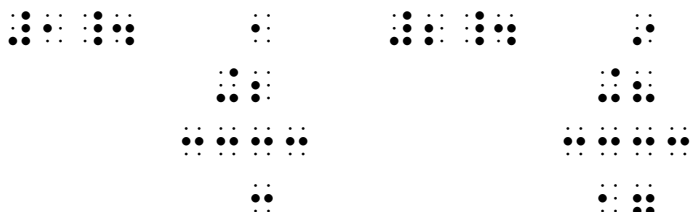


Page 8: The student should write 4 below 2 plus 2 equals, 14 below 7 plus 7 equals, 10 below 5 plus 5 equals, 2 below 1 plus 1 equals, and 12 below 6 plus 6 equals.

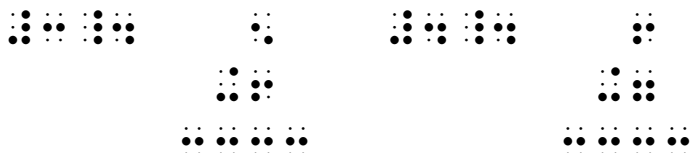




Page 9, row 1: The student should write 3 below 1 plus 2 for number 1 and 17 below 9 plus 8 for number 2.



Page 9, row 2: The student should write 11 below 5 plus 6 for number 3 and 13 below 6 plus 7 for number 4.



Page 9, row 3: The student should write 5 below 3 plus 2 for number 5, and 9 below 5 plus 4 for number 6.

⠠⠠⠠⠠⠠⠠	⠠⠠	⠠⠠⠠⠠⠠⠠	⠠⠠
	⠠⠠⠠⠠		⠠⠠⠠⠠
	⠠⠠⠠⠠⠠⠠		⠠⠠⠠⠠⠠⠠
	⠠⠠		⠠⠠

Page 9, row 4: The student should write 15 below 7 plus 8 for number 7 and 7 below 4 plus 3 for number 8.

⠠⠠⠠⠠⠠⠠	⠠⠠	⠠⠠⠠⠠⠠⠠	⠠⠠
	⠠⠠⠠⠠		⠠⠠⠠⠠
	⠠⠠⠠⠠⠠⠠		⠠⠠⠠⠠⠠⠠
	⠠⠠⠠		⠠⠠

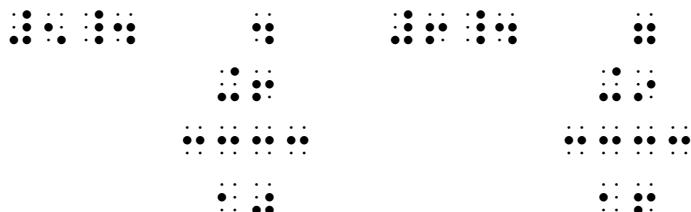
Page 10, row 1: The student should write 6 below 2 plus 4 for number 1 and 14 below 6 plus 8 for number 2.

⠠⠠⠠⠠⠠⠠	⠠⠠	⠠⠠⠠⠠⠠⠠	⠠⠠
	⠠⠠⠠⠠		⠠⠠⠠⠠
	⠠⠠⠠⠠⠠⠠		⠠⠠⠠⠠⠠⠠
	⠠⠠		⠠⠠⠠

Page 10, row 2: The student should write 8 below 3 plus 5 for number 3 and 12 below 5 plus 7 for number 4.

⠠⠠⠠⠠⠠⠠	⠠⠠	⠠⠠⠠⠠⠠⠠	⠠⠠
	⠠⠠⠠⠠		⠠⠠⠠⠠
	⠠⠠⠠⠠⠠⠠		⠠⠠⠠⠠⠠⠠
	⠠⠠		⠠⠠⠠

Page 10, row 3: The student should write 10 below 4 plus 6 for number 5 and 16 below 7 plus 9 for number 6.



Listen and then braille what you hear on another piece of braille paper. You may need 2 pieces of paper. Remember that all of the problems will be vertically aligned. Let me know if you need for me to repeat what you should braille.

Question 4.2

Write the following spatial problems: 4 plus 4 equals, 15 plus 3 equals, 8 plus 8 equals, 16 plus 1 equals, and 10 plus 2 equals.

$$\begin{array}{r} 4 \\ +4 \end{array}$$

$$\begin{array}{r} 15 \\ +3 \end{array}$$

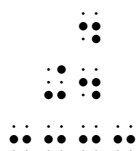
$$\begin{array}{r} 8 \\ +8 \end{array}$$

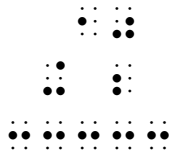
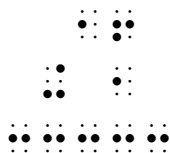
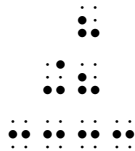
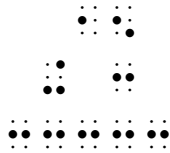
$$\begin{array}{r} 16 \\ +1 \end{array}$$

$$\begin{array}{r} 10 \\ +2 \end{array}$$

Answer 4.2

The student should write the following problems spatially: 4 plus 4 equals, 15 plus 3 equals, 8 plus 8 equals, 16 plus 1 equals, and 10 plus 2 equals.





Let's try some more.

Question 4.3

Write the following spatial problems: number 1: 7 plus 7 equals, number 2: 17 plus 3 equals, number 3: 11 plus 5 equals, number 4: 6 plus 8 equals, and number 5: 4 plus 5 equals.

1.
$$\begin{array}{r} 7 \\ +7 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 17 \\ +3 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 11 \\ +5 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 6 \\ +8 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$$

Answer 4.3

The student should write the following problems spatially: 7 plus 7 equals, 17 plus 3 equals, 11 plus 5 equals, 6 plus 8 equals, and 4 plus 5 equals.

$$\begin{array}{r} 7 \\ + 7 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 17 \\ + 3 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 11 \\ + 5 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 6 \\ + 8 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array}$$

Part 5

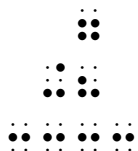
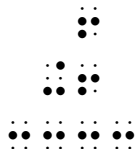
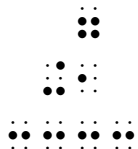
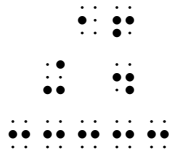
Part 5 Materials

- Student Braille Document: G1-M3-Check-Up-Student.brf
- G1-M3-Check-Up-Data-Table.docx

Part 5 Teacher Script

Question 5.1

Now read each problem involving addition on page 11 in the student document. After each problem, use an addition strategy if needed, and tell me the answer.



Answer 5.1

16 plus 4 equals 20.

$$\begin{array}{r} 16 \\ +4 \\ \hline 20 \end{array}$$

7 plus 1 equals 8.

$$\begin{array}{r} 7 \\ +1 \\ \hline 8 \end{array}$$

6 plus 6 equals 12.

$$\begin{array}{r} 6 \\ +6 \\ \hline 12 \end{array}$$

7 plus 8 equals 15.

$$\begin{array}{r} 7 \\ +8 \\ \hline 15 \end{array}$$

Question 5.2

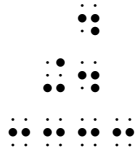
Turn to page 12 and continue to read each problem. Then tell me the answer.

$$\begin{array}{r} 6 \\ +6 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 7 \\ +8 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 6 \\ +6 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 6 \\ +6 \\ \hline 12 \end{array}$$



Answer 5.2

3 plus 3 equals 6.

$$\begin{array}{r} 3 \\ +3 \\ \hline 6 \end{array}$$

10 plus 9 equals 19.

$$\begin{array}{r} 10 \\ +9 \\ \hline 19 \end{array}$$

12 plus 4 equals 16.

$$\begin{array}{r} 12 \\ +4 \\ \hline 16 \end{array}$$

8 plus 3 equals 11.

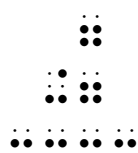
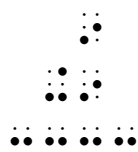
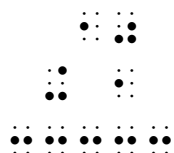
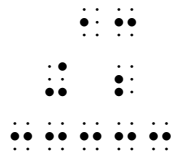
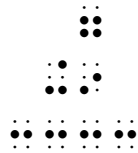
$$\begin{array}{r} 8 \\ +3 \\ \hline 11 \end{array}$$

4 plus 4 equals 8.

$$\begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array}$$

Question 5.3

Turn to page 13 and continue to read each problem. Then tell me the answer.



Answer 5.3

7 plus 9 equals 16.

$$\begin{array}{r} 7 \\ +9 \\ \hline 16 \end{array}$$

13 plus 2 equals 15.

$$\begin{array}{r} 13 \\ +2 \\ \hline 15 \end{array}$$

10 plus 1 equals 11.

$$\begin{array}{r} 10 \\ +1 \\ \hline 11 \end{array}$$

9 plus 9 equals 18.

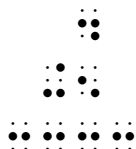
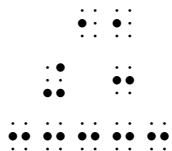
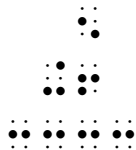
$$\begin{array}{r} 9 \\ +9 \\ \hline 18 \end{array}$$

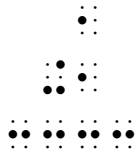
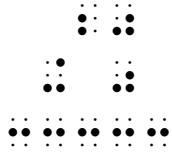
7 plus 7 equals 14.

$$\begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array}$$

Question 5.4

Turn to page 14 and continue to read each problem. Then tell me the answer.





Answer 5.4

5 plus 6 equals 11.

$$\begin{array}{r} 5 \\ +6 \\ \hline 11 \end{array}$$

11 plus 3 equals 14.

$$\begin{array}{r} 11 \\ +3 \\ \hline 14 \end{array}$$

4 plus 5 equals 9.

$$\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$$

20 plus 0 equals 20.

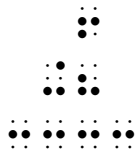
$$\begin{array}{r} 20 \\ +0 \\ \hline 20 \end{array}$$

1 plus 1 equals 2.

$$\begin{array}{r} 1 \\ +1 \\ \hline 2 \end{array}$$

Question 5.5

Turn to page 15 and read the last problem.



Answer 5.5

6 plus 8 equals 14.

$$\begin{array}{r} 6 \\ +8 \\ \hline 14 \end{array}$$