

# Number Lines Lesson 3





## Graphing Inequalities

### Less Than Matching Game

## Rules

Match the inequalities below to each of the inequalities graphed on the remaining pages to make a phrase. Braille the letter that goes with the answer to each problem. Letters may be used more than once. For problems that say "space", press the space bar. Don't use the grade 1 symbol indicator when writing the answer since you will be creating a phrase in uncontracted braille.

## Inequalities

Letter	Inequality
g	<p>x is less than 1.</p> $x < 1$ 
o	<p>x is less than negative 2.</p> $x < -2$ 
i	<p>x is less than or equal to 500.</p> $x \leq 500$ 
y	<p>x is less than or equal to negative 1.</p> $x \leq -1$ 

t      x is less than or equal to 2.

$$x \leq 2$$

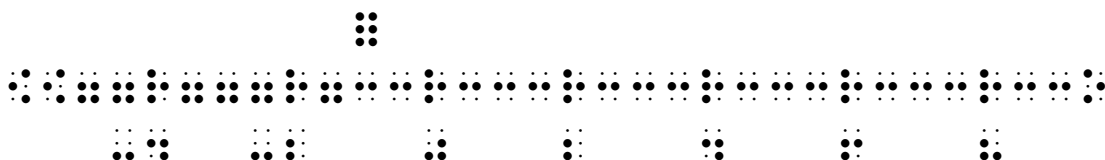
u      x is less than 5.

$x < 5$

## Graphs

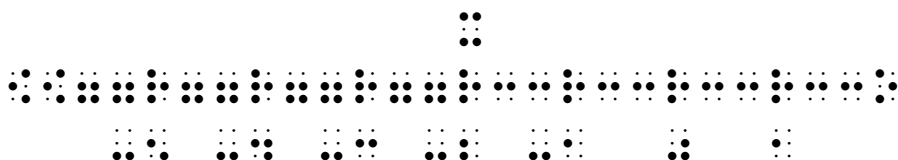
1. A braille number line is shown. The scale marks are in increments of 2 starting with -4 and ending with 8, and an additional left-pointing arrowhead is added. A closed circle is placed above the number line halfway between the scale marks for -2 and 0 and shading goes from just to the right of the 2nd left-pointing arrowhead to just to the left of -1.

⠠⠠⠠⠠⠠⠠



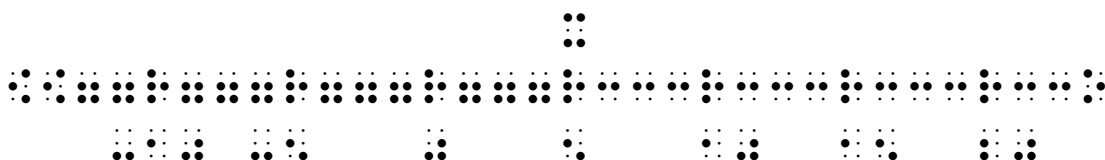
2. A braille number line is shown. The scale marks are in increments of 1 starting with -5 and ending with 1, and an additional left-pointing arrowhead is added. An open circle is placed above the scale mark at -2 and shading goes from just to the right of the 2nd left-pointing arrowhead to just to the left of -2.

⠠⠠⠠⠠⠠⠠



3. A braille number line is shown. The scale marks are in increments of 5 starting with -10 and ending with 20, and an additional left-pointing arrowhead is added. An open circle is placed above the scale mark at 5 and shading goes from just to the right of the 2nd left-pointing arrowhead to just to the left of 5.

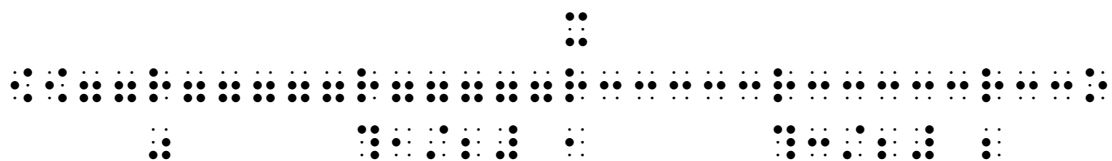
⠠⠠⠠⠠⠠⠠



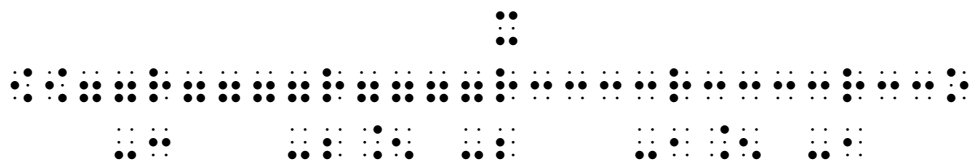
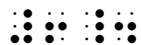
#### 4. space



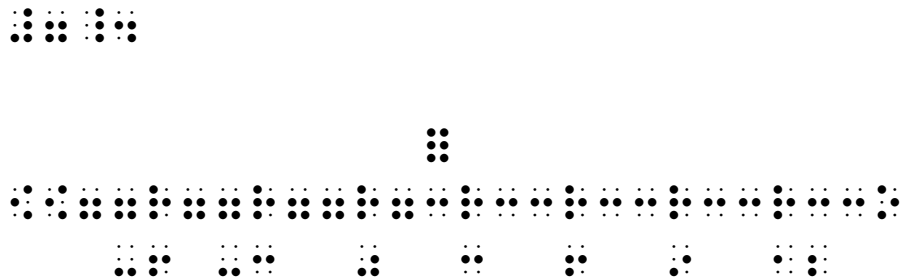
5. A braille number line is shown. The scale marks are in increments of one-half starting with 0 and ending with 2, and an additional left-pointing arrowhead is added. An open circle is placed above the scale mark at 1 and shading goes from just to the right of the 2nd left-pointing arrowhead to just to the left of 1.



6. A braille number line is shown. The scale marks are in increments of 0.5 starting with -3 and ending with -1, and an additional left-pointing arrowhead is added. An open circle is placed above the scale mark at -2 and shading goes from just to the right of the 2nd left-pointing arrowhead to just to the left of -2.



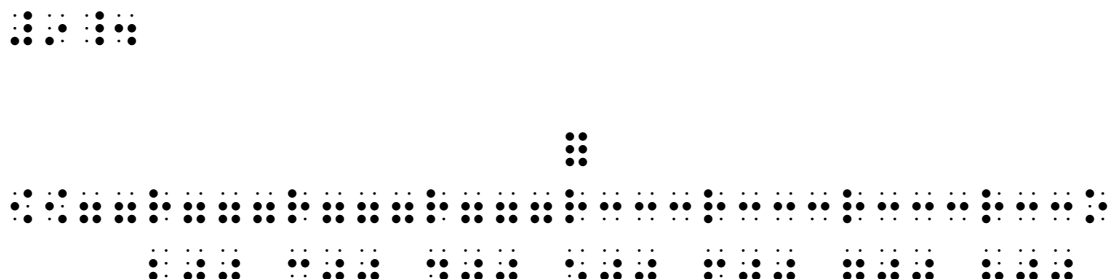
7. A braille number line is shown. The scale marks are in increments of 3 starting with -6 and ending with 12, and an additional left-pointing arrowhead is added. A closed circle is placed above the number line just to the left of the scale mark at 3 and shading goes from just to the right of the 2nd left-pointing arrowhead to just to the left of 2.



8. space

⠠⠠⠠⠠⠠⠠ ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠

9. A braille number line is shown. The scale marks are in increments of 100 starting with 200 and ending with 800, and an additional left-pointing arrowhead is added. A closed circle is placed above the scale mark at 500 and shading goes from just to the right of the 2nd left-pointing arrowhead to just to the left of 500.



10. A braille number line is shown. The scale marks are in increments of 2 starting with -1 and ending with 11, and an additional left-pointing arrowhead is added. A closed circle is placed above the number line halfway between the scale marks at 1 and 3 and shading goes from just to the right of the 2nd left-pointing arrowhead to just to the left of 2.

