

# Number Lines Lesson 3





## Graphing Inequalities

### Greater Than Game

## Rules

Match the inequalities below to each of the inequalities graphed on the remaining pages to make a phrase. Braille the letter/symbol 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 or punctuation indicator when writing the answer since you will be creating a phrase in uncontracted braille.

## Inequalities

Letter/symbol	Inequality
o	<p>x is greater than negative 2.</p> $x > -2$ 
y	<p>x is greater than 10.</p> $x > 10$ 
w	<p>x is greater than or equal to negative 2.</p> $x \geq -2$ 
!	<p>x is greater than or equal to 700.</p> $x \geq 700$ 

t            x is greater than 1.

$$x > 1$$

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a            x is greater than or equal to negative 1.

$$x \geq -1$$

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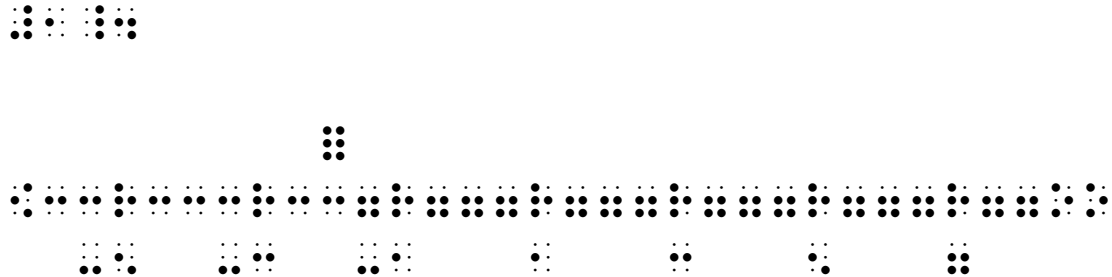
g            x is greater than or equal to 10.

$$x \geq 10$$

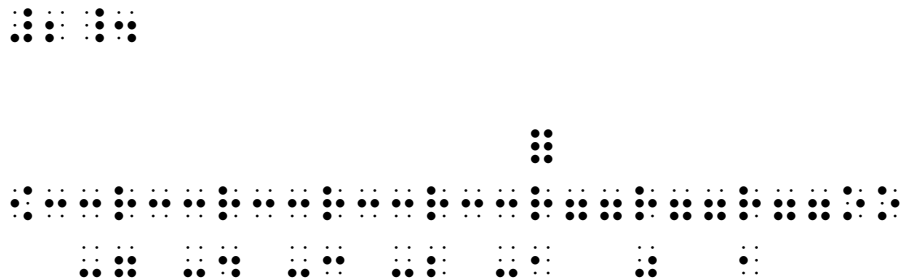
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# Graphs

1. A braille number line is shown. The scale marks are in increments of 2 starting with -5 and ending with 7, and an additional right-pointing arrowhead is added. A closed circle is placed above the number line halfway between the scale marks for -3 and -1 and shading goes from just to the right of -2 to just to the left of the 1st right-pointing arrowhead.



2. A braille number line is shown. The scale marks are in increments of 1 starting with -7 and ending with 1, and an additional right-pointing arrowhead is added. A closed circle is placed above the scale mark at -1 and shading goes from just to the right of -1 to just to the left of the 1st right-pointing arrowhead.



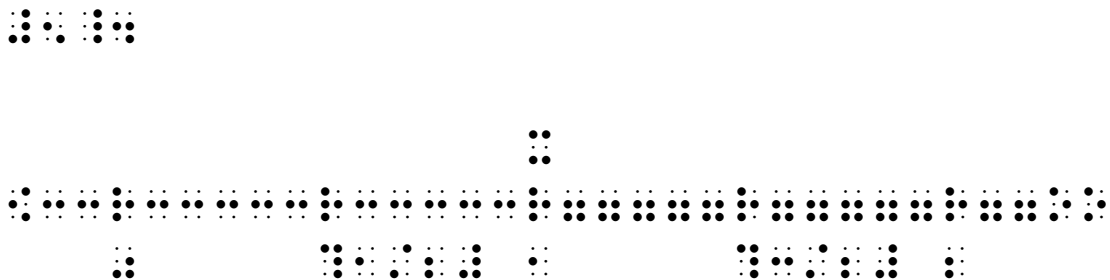
3. A braille number line is shown. The scale marks are in increments of 5 starting with -10 and ending with 20, and an additional right-pointing arrowhead is added. An open circle is placed above the scale mark at 10 and shading goes from just to the right of 10 to just to the left of the 1st right-pointing arrowhead.



4. space

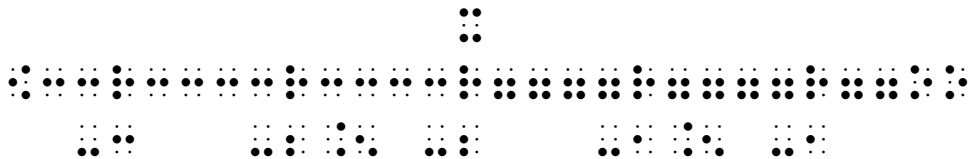
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5. A braille number line is shown. The scale marks are in increments of one-half starting with 0 and ending with 2, and an additional right-pointing arrowhead is added. An open circle is placed above the scale mark at 1 and shading goes from just to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



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

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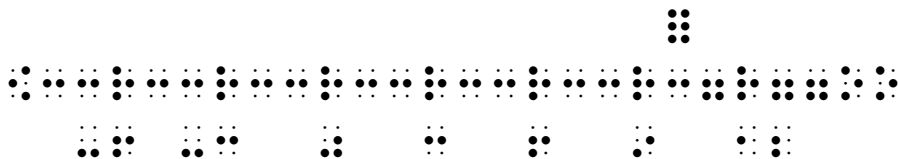


7. space

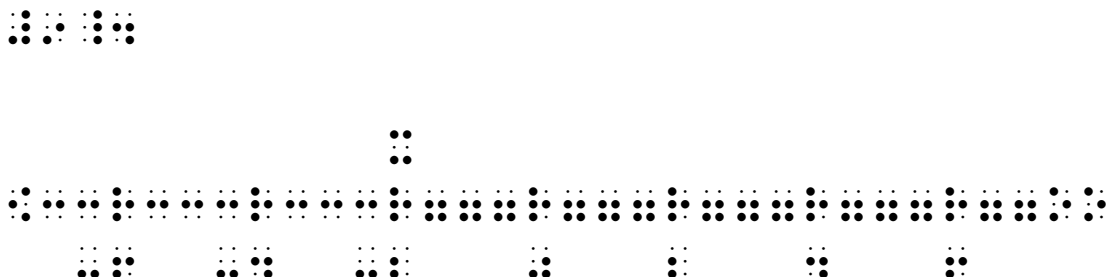
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8. A braille number line is shown. The scale marks are in increments of 3 starting with -6 and ending with 12, and an additional right-pointing arrowhead is added. A closed circle is placed above the number line scale just to the right of the scale mark at 9 and shading goes from just to the right of 10 to just to the left of the 1st right-pointing arrowhead.

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



10. A braille number line is shown. The scale marks are in increments of 100 starting with 200 and ending with 800, and an additional right-pointing arrowhead is added. A closed circle is placed above the scale mark at 700 and shading goes from just to the right of 700 to just to the left of the 1st right-pointing arrowhead.

