

Number Lines Lesson 4





Compound Inequalities

Matching Game

Rules

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

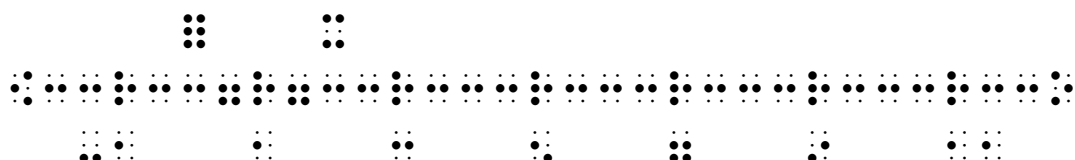
Inequalities

Letter	Inequality
c	<p>x is less than negative 1 or x is greater than 0.</p> <p>$x < -1$ or $x > 0$</p> <p></p>
e	<p>Negative 100 is less than x is less than or equal to 300.</p> <p>$-100 < x \leq 300$</p> <p></p>
u	<p>x is less than or equal to 1.5 or x is greater than or equal to 2.5.</p> <p>$x \leq 1.5$ or $x \geq 2.5$</p> <p></p>
s	<p>0 is less than or equal to x is less than 2.</p> <p>$0 \leq x < 2$</p> <p></p>

Graphs

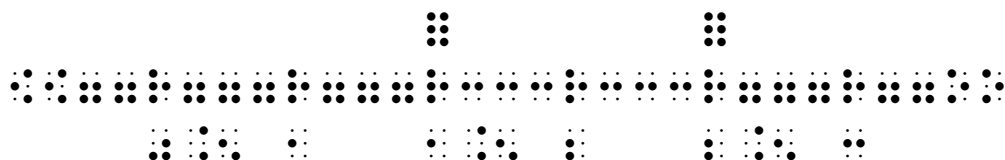
1. A braille number line is shown. The scale marks are in increments of 2 starting with -1 and ending with 11. A closed circle is placed above the number line halfway between the scale marks at -1 and 1 and an open circle is placed above the number line halfway between the scale marks at 1 and 3. Shading goes from just to the right of 0 to just to the left of 2.

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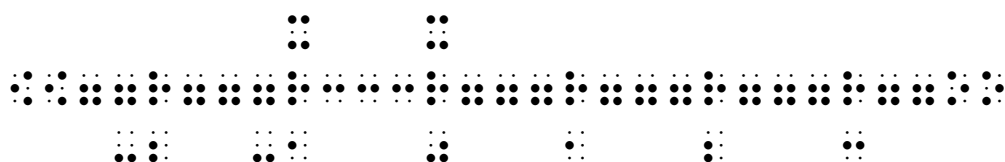
2. A braille number line is shown. The scale marks are in increments of 0.5 starting with 0.5 and ending with 3. A closed circle is placed above the scale marks at 1.5 and 2.5. An additional left-pointing arrowhead and an additional right-pointing arrowhead are added. Shading goes left of 1.5 and right of 2.5 not including the arrowheads.

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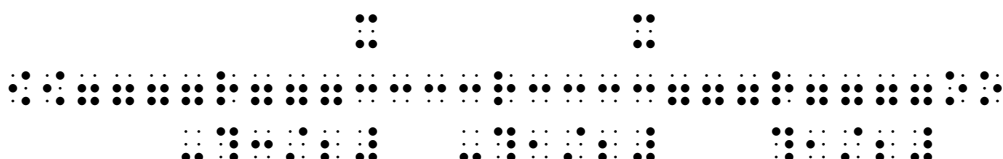
3. A braille number line is shown. The scale marks are in increments of 1 starting with -2 and ending with 3. An open circle is placed above the scale marks at -1 and 0. An additional left-pointing arrowhead and an additional right-pointing arrowhead are added. Shading goes left of -1 and right of 0 not including the arrowheads.

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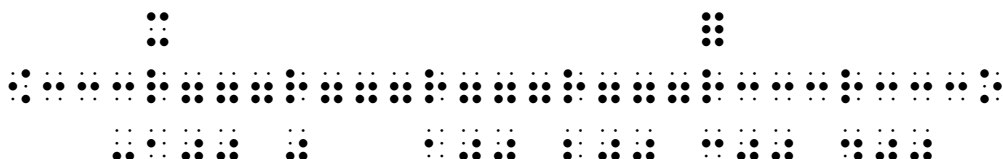
4. A braille number line is shown. The scale marks are in increments of 1 starting with negative three-halves and ending with one-half. An open circle is placed above the number line halfway between the scale marks at negative three-halves and negative one-half and halfway between the scale marks at negative one-half and one-half. An additional left-pointing arrowhead and an additional right-pointing arrowhead are added. Shading goes left of -1 and right of 0 not including the arrowheads.

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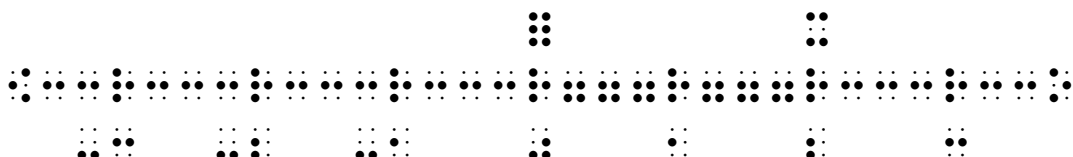
5. A braille number line is shown. The scale marks are in increments of 100 starting with -100 and ending with 400. An open circle is placed above the scale mark at -100 and a closed circle is placed above the scale mark at 300. Shading goes from just to the right of -100 to just to the left of 300.

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6. A braille number line is shown. The scale marks are in increments of 1 starting with -3 and ending with 3. A closed circle is placed above the scale mark at 0 and an open circle is placed above the scale mark at 2. Shading goes from just to the right of 0 to just to the left of 2.

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7. A braille number line is shown. The scale marks are in increments of 0.5 starting with -0.5 and ending with 2.5. A closed circle is placed above the scale mark at 0 and an open circle is placed above the scale mark at 2. Shading goes from just to the right of 0 to just to the left of 2.

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