

NUMBER LINE MATCHING

There are 3 sets of cards:

Inequalities

Graph these numbers

Number lines with points graphed

NOTES TO TEACHERS on ways to use the cards

For these activities, you should precut the sets of cards.

Version 1:

Students match the **Graph these numbers** cards to the **Number lines with points graphed** cards.

(The **Inequalities** cards can also be matched to the above.)

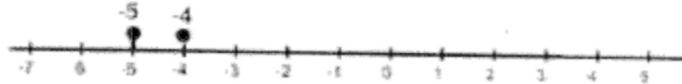
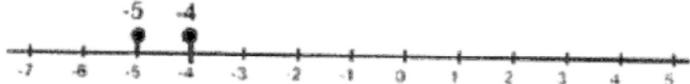
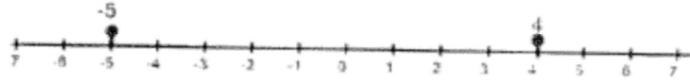
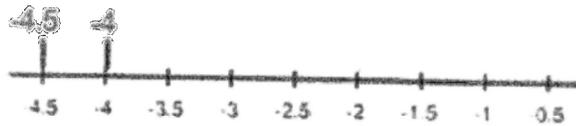
Version 2:

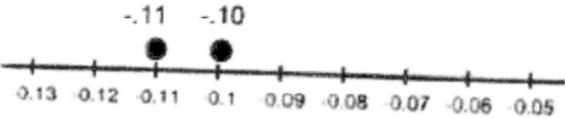
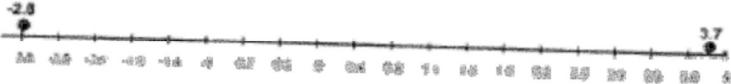
Students are asked to create an appropriate number line to show the numbers on each

Graph these numbers card.

They are then given the **Number lines with points graphed** cards to check their work.

(The **Inequalities** cards can also be matched to the above.)

<p>Graph -4 and -5 on a number line</p>	<p>4</p>	 <p>A number line ranging from -7 to 5 with tick marks at every integer. Two points are plotted: a solid black dot at -5 and another solid black dot at -4. The numbers -5 and -4 are written above their respective dots.</p>	<p>G4</p>
<p>Graph -5 and -4 on a number line</p>	<p>2</p>	 <p>A number line ranging from -7 to 5 with tick marks at every integer. Two points are plotted: a solid black dot at -5 and another solid black dot at -4. The numbers -5 and -4 are written above their respective dots.</p>	<p>G10</p>
<p>Graph 4 and -5 on a number line</p>	<p>9</p>	 <p>A number line ranging from -7 to 7 with tick marks at every integer. Two points are plotted: a solid black dot at -5 and another solid black dot at 4. The numbers -5 and 4 are written above their respective dots.</p>	<p>G9</p>
<p>Graph -4 and -4.5 on a number line</p>	<p>8</p>	 <p>A number line ranging from -4.5 to -0.5 with tick marks every 0.5 units. Two points are plotted: a solid black dot at -4.5 and another solid black dot at -4. The numbers -4.5 and -4 are written above their respective dots.</p>	<p>G2</p>

<p>Graph -6 and 5 on a number line</p>	<p>5</p>	 <p>A number line ranging from -10 to 10 with tick marks every 1 unit. Two points are plotted: a solid black dot at -6 and another solid black dot at 5. The numbers -6 and 5 are written above their respective dots.</p>	<p>G6</p>
<p>Graph -7 and 2 on a number line</p>	<p>6</p>	 <p>A number line ranging from -10 to 10 with tick marks every 1 unit. Two points are plotted: a solid black dot at -7 and another solid black dot at 2. The numbers -7 and 2 are written above their respective dots.</p>	<p>G3</p>
<p>Graph -0.1 and -0.11 on a number line</p>	<p>7</p>	 <p>A number line ranging from -0.13 to -0.05 with tick marks every 0.01 units. Two points are plotted: a solid black dot at -0.11 and another solid black dot at -0.1. The numbers -0.11 and -0.1 are written above their respective dots.</p>	<p>G1</p>
<p>Graph 3.7 and -2.8 on a number line</p>	<p>10</p>	 <p>A number line ranging from -3 to 4 with tick marks every 0.2 units. Two points are plotted: a solid black dot at -2.8 and another solid black dot at 3.7. The numbers -2.8 and 3.7 are written above their respective dots.</p>	<p>G5</p>
<p>Graph -2.7 and $\frac{3}{4}$ on a number line</p>	<p>11</p>	 <p>A number line ranging from -3 to 1 with tick marks every 0.1 units. Two points are plotted: a solid black dot at -2.7 and another solid black dot at $\frac{3}{4}$. The numbers -2.7 and $\frac{3}{4}$ are written above their respective dots.</p>	<p>G7</p>

V2 $-5 < -4$	GG $-4 > -5$	V13 $-6 < 5$	KK $5 > -6$
V7 $-4 > -5$	CC $-5 < -4$	V12 $2 > -7$	LL $-7 < 2$
V1 $-5 < -4$	BB $4 > -5$	V14 $-0.1 > -0.11$	NN $-0.11 < -0.1$
V6 $-4 > -4.5$	DD $-4.5 < -4$	V10 $-2.8 < 3.7$	MM $3.7 > -2.8$
		V11 $3/4 > -2.7$	HH $-2.7 < 3/4$