










## Number Types (Complex) - Set Builder Letter to Description - Real, Imaginary, and Complex Numbers

<p>1 Select the description that matches this symbol</p> 	<p>A Any number that can be expressed as a fraction of two integers (e.g., <math>1/2</math>, <math>-3/4</math>, <math>5</math>).</p> <p>B A number that can be expressed as a real number multiplied by the imaginary unit <math>i</math> (e.g., <math>2.5i</math>).</p> <p>C A positive integer (1, 2, 3, ...).</p> <p>D A number that cannot be expressed as a simple fraction (e.g., <math>\sqrt{2}</math>, <math>\pi</math>).</p>	<p>2 Select the description that matches this symbol</p> 	<p>A Any number that can be found on the number line, including both rational and irrational numbers.</p> <p>B A number that can be expressed as a real number multiplied by the imaginary unit <math>i</math> (e.g., <math>2.5i</math>).</p> <p>C A number that has a real and an imaginary part (e.g. <math>3 + 4i</math>).</p> <p>D A positive integer (1, 2, 3, ...).</p>
<p>3 Select the description that matches this symbol</p> 	<p>A A number that cannot be expressed as a simple fraction (e.g., <math>\sqrt{2}</math>, <math>\pi</math>).</p> <p>B A number that can be expressed as a real number multiplied by the imaginary unit <math>i</math> (e.g., <math>2.5i</math>).</p> <p>C A non-negative integer (0, 1, 2, 3, ...).</p> <p>D Any number that can be expressed as a fraction of two integers (e.g., <math>1/2</math>, <math>-3/4</math>, <math>5</math>).</p>	<p>4 Select the description that matches this symbol</p> 	<p>A Any number that can be found on the number line, including both rational and irrational numbers.</p> <p>B A non-negative integer (0, 1, 2, 3, ...).</p> <p>C A number that can be expressed as a real number multiplied by the imaginary unit <math>i</math> (e.g., <math>2.5i</math>).</p> <p>D A positive integer (1, 2, 3, ...).</p>
<p>5 Select the description that matches this symbol</p> 	<p>A Any number that can be expressed as a fraction of two integers (e.g., <math>1/2</math>, <math>-3/4</math>, <math>5</math>).</p> <p>B A non-negative integer (0, 1, 2, 3, ...).</p> <p>C A positive integer (1, 2, 3, ...).</p> <p>D A number that has a real and an imaginary part (e.g. <math>3 + 4i</math>).</p>	<p>6 Select the description that matches this symbol</p> 	<p>A Any number that can be expressed as a fraction of two integers (e.g., <math>1/2</math>, <math>-3/4</math>, <math>5</math>).</p> <p>B A number that can be expressed as a real number multiplied by the imaginary unit <math>i</math> (e.g., <math>2.5i</math>).</p> <p>C A number that has a real and an imaginary part (e.g. <math>3 + 4i</math>).</p> <p>D A positive integer (1, 2, 3, ...).</p>
<p>7 Select the description that matches this symbol</p> 	<p>A Any number that can be found on the number line, including both rational and irrational numbers.</p> <p>B A number that can be expressed as a real number multiplied by the imaginary unit <math>i</math> (e.g., <math>2.5i</math>).</p> <p>C A non-negative integer (0, 1, 2, 3, ...).</p> <p>D A number that has a real and an imaginary part (e.g. <math>3 + 4i</math>).</p>		