



Number Types (Complex) - Description to Classification - Real, Imaginary, and Complex Numbers

<p>1 Select the number type that matches this description</p> <p>A non-negative integer (0, 1, 2, 3, ...).</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border: 1px solid black; text-align: center; padding: 10px;">A Irrational Number</td> <td style="width: 50%; border: 1px solid black; text-align: center; padding: 10px;">B Whole Number</td> </tr> </table>	A Irrational Number	B Whole Number	<p>2</p> <p>Select the number type that matches this description</p> <p>A number that cannot be expressed as a simple fraction (e.g., $\sqrt{2}$, π).</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border: 1px solid black; text-align: center; padding: 5px;">A Whole Number</td> <td style="width: 50%; border: 1px solid black; text-align: center; padding: 5px;">B Rational Number</td> </tr> <tr> <td style="border: 1px solid black; text-align: center; padding: 5px;">C Irrational Number</td> <td style="border: 1px solid black; text-align: center; padding: 5px;">D Natural Number</td> </tr> <tr> <td style="border: 1px solid black; height: 20px;"></td> <td style="border: 1px solid black; height: 20px;"></td> </tr> </table>	A Whole Number	B Rational Number	C Irrational Number	D Natural Number								
A Irrational Number	B Whole Number														
A Whole Number	B Rational Number														
C Irrational Number	D Natural Number														
<p>3</p> <p>Select the number type that matches this description</p> <p>A number that can be expressed as a real number multiplied by the imaginary unit i (e.g., $-2.5i$).</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border: 1px solid black; text-align: center; padding: 5px;">A Pure Imaginary Number</td> <td style="width: 50%; border: 1px solid black; text-align: center; padding: 5px;">B Natural Number</td> </tr> <tr> <td style="border: 1px solid black; text-align: center; padding: 5px;">C Irrational Number</td> <td style="border: 1px solid black; text-align: center; padding: 5px;">D Real Number</td> </tr> </table>	A Pure Imaginary Number	B Natural Number	C Irrational Number	D Real Number	<p>4</p> <p>Select the number type that matches this description</p> <p>Any number that can be expressed as a fraction of two integers (e.g., $1/2$, $-3/4$, 5).</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border: 1px solid black; text-align: center; padding: 5px;">A Natural Number</td> <td style="width: 50%; border: 1px solid black; text-align: center; padding: 5px;">B Irrational Number</td> </tr> <tr> <td style="border: 1px solid black; text-align: center; padding: 5px;">C Whole Number</td> <td style="border: 1px solid black; text-align: center; padding: 5px;">D Rational Number</td> </tr> <tr> <td style="border: 1px solid black; height: 20px;"></td> <td style="border: 1px solid black; height: 20px;"></td> </tr> </table>	A Natural Number	B Irrational Number	C Whole Number	D Rational Number						
A Pure Imaginary Number	B Natural Number														
C Irrational Number	D Real Number														
A Natural Number	B Irrational Number														
C Whole Number	D Rational Number														
<p>5</p> <p>Select the number type that matches this description</p> <p>A number that has either/both a real and an imaginary part (e.g., 6, $-7i$, $3 + 4i$).</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; border: 1px solid black; text-align: center; padding: 5px;">A Irrational Number</td> <td style="width: 25%; border: 1px solid black; text-align: center; padding: 5px;">B Whole Number</td> <td style="width: 25%; border: 1px solid black; text-align: center; padding: 5px;">C Complex Number</td> <td style="width: 25%; border: 1px solid black; text-align: center; padding: 5px;">D Natural Number</td> </tr> <tr> <td style="border: 1px solid black; height: 20px;"></td> </tr> </table>	A Irrational Number	B Whole Number	C Complex Number	D Natural Number					<p>6</p> <p>Select the number type that matches this description</p> <p>A number that includes a real part and an imaginary part (e.g., $3 + 4i$).</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border: 1px solid black; text-align: center; padding: 5px;">A Whole Number</td> <td style="width: 50%; border: 1px solid black; text-align: center; padding: 5px;">B Irrational Number</td> </tr> <tr> <td style="border: 1px solid black; text-align: center; padding: 5px;">C Natural Number</td> <td style="border: 1px solid black; text-align: center; padding: 5px;">D Imaginary Number</td> </tr> <tr> <td style="border: 1px solid black; height: 20px;"></td> <td style="border: 1px solid black; height: 20px;"></td> </tr> </table>	A Whole Number	B Irrational Number	C Natural Number	D Imaginary Number		
A Irrational Number	B Whole Number	C Complex Number	D Natural Number												
A Whole Number	B Irrational Number														
C Natural Number	D Imaginary Number														
<p>7 Select the number type that matches this description</p> <p>A positive integer (1, 2, 3, ...).</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border: 1px solid black; text-align: center; padding: 10px;">A Irrational Number</td> <td style="width: 50%; border: 1px solid black; text-align: center; padding: 10px;">B Natural Number</td> </tr> </table>	A Irrational Number	B Natural Number	<p>8</p> <p>Select the number type that matches this description</p> <p>Any number that can be found on the number line, including both rational and irrational numbers.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border: 1px solid black; text-align: center; padding: 5px;">A Irrational Number</td> <td style="width: 50%; border: 1px solid black; text-align: center; padding: 5px;">B Real Number</td> </tr> <tr> <td style="border: 1px solid black; text-align: center; padding: 5px;">C Natural Number</td> <td style="border: 1px solid black; text-align: center; padding: 5px;"></td> </tr> <tr> <td style="border: 1px solid black; height: 20px;"></td> <td style="border: 1px solid black; height: 20px;"></td> </tr> </table>	A Irrational Number	B Real Number	C Natural Number									
A Irrational Number	B Natural Number														
A Irrational Number	B Real Number														
C Natural Number															