



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

|   |  |  |  |
|---|--|--|--|
| <p>1</p> <p style="font-size: 48pt; text-align: center;">6</p>  | <p>Classify this number as natural, whole, integer, rational, irrational, imaginary, or complex. Pick the narrowest definition that fits.</p> <p>A Natural Number</p> <p>B Irrational Number</p> | <p>2</p> <p>Classify this number as natural, whole, integer, rational, irrational, imaginary, or complex. Pick the narrowest definition that fits.</p> <p style="font-size: 48pt; text-align: center;"><math>-\frac{5}{12}</math></p>  | <p>A Natural Number</p> <p>B Whole Number</p> <p>C Rational Number</p> <p>D Irrational Number</p>          |
| <p>3</p> <p>Classify this number as natural, whole, integer, rational, irrational, imaginary, or complex. Pick the narrowest definition that fits.</p> <p style="font-size: 48pt; text-align: center;"><math>\sqrt{23}</math></p> | <p>A Rational Number</p> <p>B Irrational Number</p> <p>C Whole Number</p> <p>D Natural Number</p>  | <p>4</p> <p>Classify this number as natural, whole, integer, rational, irrational, imaginary, or complex. Pick the narrowest definition that fits.</p> <p style="font-size: 48pt; text-align: center;"><math>\frac{3i}{3}</math></p>   | <p>A Rational Number</p> <p>B Natural Number</p> <p>C Irrational Number</p> <p>D Pure Imaginary Number</p> |
| <p>5</p> <p>Classify this number as natural, whole, integer, rational, irrational, imaginary, or complex. Pick the narrowest definition that fits.</p> <p style="font-size: 48pt; text-align: center;">0</p>                      | <p>A Irrational Number</p> <p>B Natural Number</p> <p>C Whole Number</p>   | <p>6</p> <p>Classify this number as natural, whole, integer, rational, irrational, imaginary, or complex. Pick the narrowest definition that fits.</p> <p style="font-size: 48pt; text-align: center;"><math>2 + 11i</math></p>        | <p>A Complex Number</p> <p>B Real Number</p> <p>C Natural Number</p> <p>D Irrational Number</p>            |
| <p>7</p> <p>Classify this number as natural, whole, integer, rational, irrational, imaginary, or complex. Pick the narrowest definition that fits.</p> <p style="font-size: 48pt; text-align: center;"><math>2 + 79i</math></p>   | <p>A Whole Number</p> <p>B Rational Number</p> <p>C Natural Number</p> <p>D Complex Number</p>   | <p>8</p> <p>Classify this number as natural, whole, integer, rational, irrational, imaginary, or complex. Pick the narrowest definition that fits.</p> <p style="font-size: 48pt; text-align: center;"><math>-\frac{10}{11}</math></p> | <p>A Natural Number</p> <p>B Irrational Number</p> <p>C Whole Number</p> <p>D Rational Number</p>          |