

Do Now

<p>1) Which number below is <b>not</b> an irrational number?</p> <p>A) <math>\pi</math></p> <p>B) <math>\sqrt{2}</math></p> <p>C) <math>\sqrt{4}</math></p> <p>D) <math>\sqrt{6}</math></p>	<p>2) Which number below is <b>not</b> an irrational number?</p> <p>A) <math>\sqrt{46}</math></p> <p>B) <math>\sqrt{47}</math></p> <p>C) <math>\sqrt{48}</math></p> <p>D) <math>\sqrt{49}</math></p>
<p>3) Look at each number. If the number irrational? Circle Yes or No.</p> <p>A) <math>2\pi</math>    Yes    No</p> <p>B) <math>\sqrt{7}</math>    Yes    No</p> <p>C) <math>\sqrt{9}</math>    Yes    No</p> <p>D) <math>\frac{\pi}{2}</math>    Yes    No</p>	<p>4) Circle every irrational number.</p> <p>A) <math>\pi</math></p> <p>B) <math>\frac{1}{2}</math></p> <p>C) <math>0.\overline{45}</math></p> <p>D) <math>\sqrt{100}</math></p> <p>E) <math>\sqrt{85}</math></p>
<p>5) Circle True or False for each sentence.</p> <p>A) <math>\frac{1}{20}</math> is an irrational number.    True    False</p> <p>B) <math>9\pi</math> is <b>not</b> an irrational number.    True    False</p> <p>C) <math>\sqrt{121}</math> is <b>not</b> an irrational number.    True    False</p> <p>D) <math>\sqrt{600}</math> is an irrational number.    True    False</p>	<p>6)</p> <p>A) Why is 5 a rational number? B/c it can be written as a fraction whose denominator is not zero.</p> <p>B) Why is <math>\sqrt{10}</math> irrational? B/c it is a non-terminating and non-repeating decimal that can't be written as a fraction whose denominator is not zero.</p>

denominator is not zero