**Multiple choices**

|  |  |  |
| --- | --- | --- |
| **1.** | **Which of the following numbers is rational?** | |
|  | **a.)** | **b.)** |
|  | **c.)** | **d.)** |

|  |  |  |
| --- | --- | --- |
| **2.** | **Which of the following numbers is irrational?** | |
|  | **a.)** | **b.)** |
|  | **c.)** | **d.)** |

|  |  |  |
| --- | --- | --- |
| **3.** | **Which of the following numbers is a terminating decimal?** | |
|  | **a.)** | **b.)** |
|  | **c.)** | **d.)** |

|  |  |
| --- | --- |
| **4.** | **Classify each number below as either rational or irrational.**  **If you believe your number is rational, prove your answer by writing it as a fraction.** |
|  | |  |  |  | | --- | --- | --- | | **Number** | **Rational/Irrational** | **Fraction** | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |
| **5.** | **Find the value of each square root and then classify.** |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Number** | **Value** | **Perfect square** | **Irrational Number** | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |

**ANSWERS**

**Multiple choices**

|  |  |  |
| --- | --- | --- |
| **1.** | **Which of the following numbers is rational?** | |
|  | **a.)** | **b.)** |
|  | **c.)** | **d.)** |

|  |  |  |
| --- | --- | --- |
| **2.** | **Which of the following numbers is irrational?** | |
|  | **a.)** | **b.)** |
|  | **c.)** | **d.)** |

|  |  |  |
| --- | --- | --- |
| **3.** | **Which of the following numbers is a terminating decimal?** | |
|  | **a.)** | **b.)** |
|  | **c.)** | **d.)** |

|  |  |
| --- | --- |
| **4.** | **Classify each number below as either rational or irrational.**  **If you believe your number is rational, prove your answer by writing it as a fraction.** |
|  | |  |  |  | | --- | --- | --- | | **Number** | **Rational/Irrational** | **Fraction** | |  | **Rational** |  | |  | **Rational** |  | |  | **Rational** |  | |  | **Irrational** |  | |  | **Irrational** |  | |
| **5.** | **Find the value of each square root and then classify.** |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Number** | **Value** | **Perfect square** | **Irrational Number** | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |