**Multiple choices**

|  |  |  |
| --- | --- | --- |
| **1.** | **Name the property of irrational numbers illustrated by the equation.** | |
|  | **a.)**  **Associative Property of Addition** | **b.)**  **Distributive Property** |
|  | **c.)**  **Associative Property of Multiplication** | **d.)**  **Commutative Property of Multiplication** |

|  |  |  |
| --- | --- | --- |
| **2.** | **Name the property of irrational numbers illustrated by the equation.** | |
|  | **a.)**  **Associative Property of Addition** | **b.) Commutative Property of Multiplication** |
|  | **c.) Associative Property of Multiplication** | **d.) Distributive Property** |

|  |  |  |
| --- | --- | --- |
| **3.** | **The is between which two integers?** | |
|  | **a.)** | **b.)** |
|  | **c.)** | **d.)** |

**Solve each expression.** **Identify whether the answer is rational or irrational.**

|  |  |
| --- | --- |
| **4.** | **If and , what is the value of** |
|  |  |
| **5.** | **If and , what is the value of** |
|  |  |

**ANSWERS**

**Multiple choices**

|  |  |  |
| --- | --- | --- |
| **1.** | **Name the property of irrational numbers illustrated by the equation.** | |
|  | **a.)**  **Associative Property of Addition** | **b.)**  **Distributive Property** |
|  | **c.)**  **Associative Property of Multiplication** | **d.)**  **Commutative Property of Multiplication** |

|  |  |  |
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| **2.** | **Name the property of irrational numbers illustrated by the equation.** | |
|  | **a.)**  **Associative Property of Addition** | **b.) Commutative Property of Multiplication** |
|  | **c.) Associative Property of Multiplication** | **d.) Distributive Property** |

|  |  |  |
| --- | --- | --- |
| **3.** | **The is between which two integers?** | |
|  | **a.)** | **b.)** |
|  | **c.)** | **d.)** |

**Solve each expression. Identify whether the answer is rational or irrational.**

|  |  |
| --- | --- |
| **4.** | **If and , what is the value of** |
|  | **Rational** |
| **5.** | **If and , what is the value of** |
|  | **Irrational** |