**Name the property of real numbers used in each equation. Then find the value of .**

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**Evaluate each expression if , and . (Name the property used in each step.)**

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**ANSWER**

**Name the property of real numbers used in each equation. Then find the value of .**

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|  |  |  | Additive identity property |
|  |  |  | Additive inverse property |
|  |  |  | Commutative property of addition |
|  |  |  | Associative property of addition |
|  |  |  | Multiplicative identity property |
|  |  |  | Multiplicative property of zero |
|  |  |  | Multiplicative inverse property |
|  |  |  | Commutative property of addition |
|  |  |  | Associative property of multiplication |
|  |  |  | Commutative property of addition |

**Evaluate each expression if , and . (Name the property used in each step.)**

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|  |  |  | **Substitution** |
|  |  |  | **Subtraction (Grouping)** |
|  |  |  | **Multiplicative inverse** |

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|  |  |  | **Substitution** |
|  |  |  | **Multiplicative inverse** |
|  |  |  | **Multiply** |
|  |  |  | **subtract** |
|  |  |  | **Multiplicative identity** |
|  |  |  | **Add** |

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|  |  |  | **Substitution** |
|  |  |  | **Multiplicative inverse** |
|  |  |  | **Multiply** |
|  |  |  | **Divide** |
|  |  |  | **Subtract** |
|  |  |  | **Multiplicative property of zero** |
|  |  |  | **Addition identity** |

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|  |  |  | **Substitution** |
|  |  |  | **Improper fraction** |
|  |  |  | **Symmetric** |
|  |  |  | **Multiplicative inverse** |
|  |  |  | **Simplified** |
|  |  |  | **Multiply** |

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|  |  |  | **Substitution** |
|  |  |  | **Improper fraction** |
|  |  |  | **Associative (addition)** |
|  |  |  | **Add** |
|  |  |  | **Divide** |
|  |  |  | **Add** |

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| --- | --- | --- | --- |
|  |  |  | **Substitution** |
|  |  |  | **Multiply and divide** |
|  |  |  | **Add** |
|  |  |  | **Multiply** |
|  |  |  | **LCD** |
|  |  |  | **Add** |

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|  |  |  | **Substitution** |
|  |  |  | **Add** |
|  |  |  | **Multiply** |
|  |  |  | **Add** |

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|  |  |  | **Substitution** |
|  |  |  | **Multiply** |
|  |  |  | **Multiply** |
|  |  |  | **Add** |
|  |  |  | **Add** |