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| 1. If and , then:   |  |  | | --- | --- | | *ANSWER:* |  | |

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| 2. If , then it can be proved that:   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. |  | b. | is a right angle | |  | c. | bisects | d. | None of These |  |  |  | | --- | --- | | *ANSWER:* | a | |

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| 3. Given that , which operation leads to the conclusion that ?   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | adding 3 to each side of the equation | b. | adding -3 to each side of the equation | |  | c. | subtracting -3 from each side of the equation | d. | None of These |  |  |  | | --- | --- | | *ANSWER:* | b | |

|  |  |  |  |  |  |  |  |  |
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| 4. If and are complementary, then each of these angles 1 and 2 is acute.   |  |  |  | | --- | --- | --- | |  | a. | True | |  | b. | False |  |  |  | | --- | --- | | *ANSWER:* | True | |

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| 5. With and point *G* in the interior of , and are complementary.   |  |  |  | | --- | --- | --- | |  | a. | True | |  | b. | False |  |  |  | | --- | --- | | *ANSWER:* | True | |

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| 6. When using induction, one draws a conclusion based upon numerous examples or test results.   |  |  |  | | --- | --- | --- | |  | a. | True | |  | b. | False |  |  |  | | --- | --- | | *ANSWER:* | True | |