**Multiple choices**

|  |  |  |
| --- | --- | --- |
| **1.** | **Find the value of in the figure below.** | |
|  | **a.** | **b.** |
|  | **c.** | **d.** |

|  |  |  |
| --- | --- | --- |
| **2.** | **Which of the following statements is not true?** | |
|  | **a.** **are** **adjacent angles** | **b.** **are not adjacent angles** |
|  | **c.** **are adjacent angles and liner pair** | **d**.  **are** **not adjacent angles** |

**3.** **Determine whether each pair of angles is a pair of vertical angles, a linear pair of angles, or neither. Select the correct answer for each lettered part.**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **Vertical angles** | **Linear pair of angles** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**4. Find the value of and then the indicated angle measures.**

|  |  |  |
| --- | --- | --- |
|  | **If angles and are supplementary and ,**  **what are** |  |

**5. Find the value of and then the indicated angle measures.**

|  |  |  |
| --- | --- | --- |
|  |  |  |

**ANSWERS**

**Multiple choices**

|  |  |  |
| --- | --- | --- |
| **1.** | **Find the value of in the figure below.** | |
|  | **a.** | **b.** |
|  | **c.** | **d.** |

|  |  |  |
| --- | --- | --- |
| **2.** | **Which of the following statements is not true?** | |
|  | **a.** **are** **adjacent angles** | **b.** **are not adjacent angles** |
|  | **c.** **are adjacent angles and liner pair** | **d**.  **are** **not adjacent angles** |

**3.** **Determine whether each pair of angles is a pair of vertical angles, a linear pair of angles, or neither. Select the correct answer for each lettered part.**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **Vertical angles** | **Linear pair of angles** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**4. Find the value of and then the indicated angle measures.**

|  |  |  |
| --- | --- | --- |
|  | **If angles and are supplementary and ,**  **what are** | , |

**5. Find the value of and then the indicated angle measures.**

|  |  |  |
| --- | --- | --- |
|  |  |  |