NAME:_____

1. Assume the statement "Michael is taking sociology and biology" is true. Which of the following statements must be true?

    [A] Michael is taking both sociology and biology.

    [B] Michael is taking neither sociology, nor biology.

    [C] Michael is taking only sociology.

    [D] Michael is taking only biology.

2. Assume the statement "Cheryl is taking fencing or sculpture" is true. Which of the following statements must be false?

    [A] Cheryl is taking only sculpture.

    [B] Cheryl is taking neither fencing, nor sculpture.

    [C] Cheryl is taking both fencing and sculpture.

    [D] Cheryl is taking only fencing.

3. Assume the statement "James is taking drama and physics" is true. Which of the following statements must be true?

    [A] James is taking both drama and physics.

    [B] James is taking only drama.

    [C] James is taking neither drama, nor physics.

    [D] James is taking only physics.

4. Assume the statement "James is taking history or tennis" is true. Which of the following statements must be false?

    [A] James is taking only tennis.

    [B] James is taking neither history, nor tennis.

    [C] James is taking only history.

    [D] James is taking both history and tennis.

5. Assume the statement "Michael is taking music or physics" is true. Which of the following statements must be false?

    [A] Michael is taking neither music, nor physics.

    [B] Michael is taking only physics.

    [C] Michael is taking only music.

    [D] Michael is taking both music and physics.

6. Assume the statement "Pamela is taking music or physics" is true. Which of the following statements must be false?

    [A] Pamela is taking only music.

    [B] Pamela is taking only physics.

    [C] Pamela is taking neither music, nor physics.

    [D] Pamela is taking both music and physics.

[1] A_____

[2] B_____

[3] A_____

[4] B_____

[5] A_____

[6] C_____