NAME:_____

1. A point P has coordinates $(-4, 7)$. What are its new coordinates after reflecting point P in the x-axis?

    [A] $(-4, -7)$ [B] $(-4, 7)$

    [C] $(4, -7)$ [D] $(4, 7)$

                                        [1] _____

2. A point P has coordinates $(-1, -8)$. What are its new coordinates after reflecting point P in the y-axis?

    [A] $(1, 8)$ [B] $(1, -8)$

    [C] $(-1, 8)$ [D] $(-1, -8)$

                                        [2] _____

3. A point P has coordinates $(2, -3)$. What are its new coordinates after reflecting point P in the y-axis?

    [A] $(2, -3)$ [B] $(2, 3)$

    [C] $(-2, -3)$ [D] $(-2, 3)$

                                        [3] _____

4. A point P has coordinates $(5, -6)$. What are its new coordinates after reflecting point P in the x-axis?

    [A] $(5, -6)$ [B] $(-5, -6)$

    [C] $(5, 6)$ [D] $(-5, 6)$

                                        [4] _____

5. A point P has coordinates $(-2, 7)$. What are its new coordinates after reflecting point P in the x-axis?

    [A] $(2, -7)$ [B] $(-2, 7)$

    [C] $(-2, -7)$ [D] $(2, 7)$

                                        [5] _____

6. What are the coordinates of the reflection image of $P(7, 3)$ in the y-axis?

    [6] _____

7. What are the coordinates of the reflection image of $P(-6, 2)$ in the y-axis?

    [7] _____

8. What are the coordinates of the reflection image of $P(-5, -6)$ in the x-axis?

    [8] _____

9. What are the coordinates of the reflection image of $P(-8, -1)$ in the x-axis?

    [9] _____

10. What are the coordinates of the reflection image of $P(-2, -5)$ in the y-axis?

    [10] _____

[1]   A

[2]   B

[3]   C

[4]   C

[5]   C

[6]   (−7, 3)

[7]   (6, 2)

[8]   (−5, 6)

[9]   (−8, 1)

[10]   (2, −5)