Reflection | Writing the Coordinates

Write the coordinates obtained after the given reflection.

1)

U(10, 4), V(4, 4), W(8, 7); reflection across the y-axis

U′: ⬚   V′: ⬚   W′: ⬚

2)

T(5, 4), U(6, 2), V(8, 1), W(7, 3); reflection across the line x = 1

3)

4)

5)

P(−4, 3), Q(−1, 3), R(0, 6), S(−3, 6); reflection across the line x = 3

P′: ⬚   Q′: ⬚   R′: ⬚   S′: ⬚

6)

A(−4, −2), B(−6, −2), C(−6, −5), D(−4, −5); reflection across the line y = −6

A′: ⬚   B′: ⬚   C′: ⬚   D′: ⬚