2. The function whose graph is $x = r^3$, and is shifted to the right 6 units is:

$x = r^3 - 6$

$x = (r+6)^3$

$x = (r-6)^3$

$x = r^3 + 6$

Solution

After shifting to the right 6 units, the function becomes: $x = (r-6)^3$