

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

$$x = a^3 - 6$$

$$x = (a+6)^3$$

$$x = (a-6)^3$$

$$x = a^3 + 6$$

Solution

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