1. The function whose graph is $g = q^3$, and is shifted to the right 5 units is:

$g = q^3 - 5$

$g = (q+5)^3$

$g = (q-5)^3$

$g = q^3 + 5$

Solution

After shifting to the right 5 units, the function becomes: $g = (q-5)^3$