

4. The function whose graph is  $u=n^3$  , and is shifted to the right 2 units is:

$$u = n^3 - 2$$

$$u = (n+2)^3$$

$$u = (n-2)^3$$

$$u = n^3 + 2$$

**Solution**

After shifting to the right 2 units, the function becomes:  $u = (n-2)^3$