Question 13 2061

Differentiate the following with respect to x :

1. $5x^3 + \frac{1}{4}x + 3$

2. $\frac{x^3 - 4x^2}{\sqrt{x}}$

3. $\frac{1}{\sqrt{(2x+3)^4}}$

4. $(x^2 + \frac{1}{\sqrt{x}})^2$