# Integration Review Problems - Using Tables

1) $\displaystyle \int x^2 \sqrt{x^2 - 7} \, dx$

2) $\displaystyle \int \frac{\sqrt{5 - 3 x}}{7 x} \, dx$

3) $\displaystyle \int \frac{2}{x \, (2 x^4 - 7)^2} \, dx$

4) $\displaystyle \int \frac{2 x^9}{(3 - 5 x^5)^2} \, dx$

5) $\displaystyle \int \frac{x^5}{\sqrt{3 + x^3}} \, dx$

6) $\displaystyle \int \frac{1}{x \sqrt{1 - x^6}} \, dx$

7) $\displaystyle \int \frac{1}{e^x \sqrt{5 + e^{2 x}}} \, dx$

8) $\displaystyle \int \frac{1}{\tan x \sqrt{1 + \sin^2 x}} \, dx$