1 $\displaystyle\int \tanh x \, dx$

2 $\displaystyle\int_{-4}^{4} |x^3 - x| \, dx$

3 $\displaystyle\int_{1}^{e} \log(\sqrt{x}) \, dx$

4 $\displaystyle\int \left(e^{e^x + e^{-x} + x} - e^{e^x + e^{-x} - x} \right) dx$

5 $\displaystyle\int \frac{\log(\log(x))}{x \log(x)} \, dx$

6 $\displaystyle\int_{0}^{\pi/3} \frac{dx}{1 + \tan^2(x)}$

7 $\displaystyle\int_{-27}^{27} \arcsin\left(\frac{x^{1/3}}{3} \right) dx$

8 $\displaystyle\int_{50}^{100} \lfloor \log_2 x \rfloor \, dx$

9 $\displaystyle\int \left(e^x \cos x - e^x \sin x \right) dx$

10 $\displaystyle\int_{0}^{\infty} x^3 e^{-x^2} \, dx$

11 $\displaystyle\int \left((2e^{x^2}x + 1)\cos x - (e^{x^2} + x)\sin x \right) dx$

12 $\displaystyle\int (1 + x^{1/2} + x^{1/3})(1 + x^{-1/2} + x^{-1/3})\, dx$

13 $\displaystyle\int \sin(\sin(x))\cos(\sin(x))\cos(x)\, dx$

14 $\displaystyle\int \left(\frac{\cos(x) + \sin(x)}{x^2} + \frac{\sin(x) - \cos(x)}{x} \right) dx$

15 $\displaystyle\int x^3 \sqrt{x^2 + 1}\, dx$

16 $\displaystyle\int \frac{x}{x^4 + x^2 + 1}\, dx$

17 $\displaystyle\int e^{e^{2016x} + 6048x}\, dx$

18 $\displaystyle\int_{\pi/3}^{\pi/2} \frac{1 - \cos x}{\sin x}\, dx$

19 $\displaystyle\int \frac{dx}{1 - x + x^2 - x^3}$

20 $\displaystyle\int_0^{\infty} \frac{dx}{2 + \cosh x}$