Section 7.1: Additional Problems

1) $\int \arctan(2x)\ dx$

2) $\int x \arctan(x)\ dx$

3) $\int 12x^5 \cos(2x^3)\ dx$ hint: u-sub

4) $\int e^{4x} \cos(x)\ dx$ hint:loop

5) $\int \cos(\ln(x))\ dx$ hint:u-sub then loop