

Name: _____

5. Find $\int x \cosh x \, dx$.

- A. $x \sinh x - \cosh x + C$
- B. $x^2 \sinh x + 2 \cosh x + C$
- C. $x \cosh x + 3x \sinh x + C$
- D. None of these.

6. Find $\int e^\theta \sin \theta \, d\theta$.

- A. $\frac{e^\theta \sin \theta + e^\theta \cos \theta}{3} + C$
- B. $-\frac{e^\theta \cos \theta}{4} + C$
- C. $\frac{e^\theta \sin \theta - e^\theta \cos \theta}{2} + C$
- D. None of these.