MA 126 — Fall 2016 — Prof. Clontz — Quiz

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.