

2. $J_n = \int_0^1 x^n dx = \frac{1}{n+1}$
3. $A = \int_0^1 x dx = \frac{1}{2}$
4. $A = \int_0^1 x dx = \frac{1}{2}$
5. $\int_0^1 x dx = \frac{1}{2}$
6. $\int_0^1 x dx = \frac{1}{2}$
7. $\int_0^1 x dx = \frac{1}{2}$
8. $A = \int_0^1 x dx = \frac{1}{2}$
9. $A = \int_0^1 x dx = \frac{1}{2}$
10. $\int_0^1 x dx = \frac{1}{2}$
- 11.

