$$\frac{1}{2} = (-8 - 8 + 3) = -8 (1 + 43 i) = -8 (\cos(2\pi) + i \sin(\frac{\pi}{3}))$$

$$2 := (-8 - 8 + 3) = (-8)^{n} (\cos(2\pi n) + i \sin(\frac{\pi n}{3}))$$

$$\lim_{x \to 0} = 0 \text{ if } \lim_{x \to 0} (\frac{\pi n}{3}) = 0$$

$$\lim_{x \to 0} = 0 \text{ Gor } 0.3, c.3...$$

$$\lim_{x \to 0} = 0 \text{ Gor } 3k, k \in \mathbb{N}_{0}$$

$$\frac{1}{2} = 4 + 8 + 8 + 8 = 0 = 24 = -8 - 8 + 8 = 0$$

$$\frac{1}{2} = 4 + 8 + 8 = 0 = 24 = -8 - 8 + 8 = 0$$

$$\frac{1}{2} = 4 + 8 = 0 = 24 = -8 + 8 = 0$$

$$\frac{1}{2} = 60^{\circ} + 180^{\circ} = 240^{\circ} = 420^{\circ} = 42$$

$$\frac{d}{dx} \frac{(-1)^{n-1} \cdot (n-1)!}{x^n} = \frac{d}{dx} ((-1)^{n-1} \cdot (n-1)! \cdot x^n)$$

$$= (-1)^{n-1} \cdot (n-1)! \cdot \frac{d}{dx} x^n$$

$$= (-7)^{n-1} \cdot (n-1)! \cdot -n \cdot x^{n-1} = (-1)^{n-1} \cdot (n-1)! \cdot (-1) \cdot n \cdot x^{n-1}$$

$$= (-1) \cdot (-1)^{n-1} \cdot n \cdot (n-1)! \cdot x$$

$$= \frac{(-1)^{n+1-1} \cdot (n+1-1)!}{x^{n+1}} \quad qed$$