

HW §11.9 Numbers 4,8,10,16,24

4.

$$\sum_{n=0}^{\infty} 3(x^4)^n$$

8.

$$\sum_{n=0}^{\infty} (-1)^n (4x)^{n+1}$$

10.

$$\sum_{n=0}^{\infty} \frac{x^{3n+2}}{a^{3n}}$$

16.

$$\sum_{n=0}^{\infty} n2^{n-1}x^{n+1}$$

24.

$$\sum_{n=0}^{\infty} \frac{t^{n+1}}{(n+1)^2}$$