| 1s a geometric series with r= (2)(x+4) and thus converges only it 一) くる(タナリ) く) - 是 < X+4 < = -15 (X < -1

So the series has an interval of convergence of $(-\frac{15}{2}, -\frac{1}{2})$ and a radius of convergence of $R = \frac{7}{2}$.