$\frac{3}{4}+\frac{5}{8}+\frac{7}{16}+\ldots$	$\frac{1}{n^5}$
1+32+243+1024+...	$\frac{n^2+3}{2n+1}$
4/3+7/5+12/7+19/9+...	$\frac{(-1)^n}{\ln(n+4)}$
$-\frac{1}{\ln 5}+\frac{1}{\ln 6}-\frac{1}{\ln 7}+\ldots$	3^n
3+9+27+81+....	$\frac{2n-1}{5n+3}$

1/8+3/13+5/18+ …	$\frac{n}{\sqrt{n^3+1}}$
$\frac{1}{\sqrt{2}}+\frac{2}{3}+\frac{3}{2\sqrt{7}}+\ldots$	2^n
2+4+8+16+…	$\left(\frac{3}{2}\right)^{-n}$
2/3+4/9+8/27+…	Г9 $\frac{2+5^n}{5^n}$
7/5+27/25+127/125+..	$(-1)^{n+1}\frac{n}{3^n}$

$\frac{1}{3} - \frac{2}{9} + \frac{3}{27} - \ldots$	$\frac{3^n}{\sqrt{2n+3}}$
$\frac{3}{\sqrt{5}} + \frac{9}{\sqrt{7}} + \frac{27}{\sqrt{9}} + \ldots$	$\frac{2n+1}{2^{n+1}}$