## Quiz 2 <br> Calculus $2 \quad 3 / 20 / 19$

Each problem is worth 5 points. Provide good justification of your answers for full credit.

1. Find the first 3 partial sums of the series

$$
\sum_{n=1}^{\infty} \frac{1}{2^{n}-1}
$$

2. Find the sum of the series

$$
\sum_{n=0}^{\infty} \frac{1}{3^{n}}
$$

