

Name:

Section: 7 8

1. Find the limit of the following sequences.

(a) $\left\{ \left(1 - \frac{2}{n} \right)^n \right\}$

(b) $\{ \sqrt[n]{n} \}$

(c) $\left\{ \frac{n - 17}{2n - 13} \right\}$

(d) $\left\{ \frac{(-1)^n}{n^2} \right\}$