

Chapter 2

1. Find the reciprocal of:

(a) $(-7)^5$

(d) $\left(\frac{-5}{3}\right)^{-7}$

(b) $\left(\frac{9}{7}\right)^{-3}$

(e) $\left(\frac{9}{11}\right)^4$

(c) $\left(\frac{3}{2}\right)^0$

2. Express the following in exponential notations:

(a) $\frac{125}{144}$

(d) $\frac{100000}{1000}$

(b) $\frac{2500}{289}$

(e) $\frac{441}{484}$

(c) $\frac{262144}{32768}$