

4.28.16

Negative and Zero Rules with Rational Exponents

$$a^{-n} = \left(\frac{1}{a}\right)^n \qquad a^0 = 1$$

$$13) \left(\frac{4}{9}\right)^{-\frac{3}{2}}$$

$$\left(\frac{1}{\frac{4}{9}}\right)^{\frac{3}{2}}$$

$$\left(\frac{9}{4}\right)^{\frac{3}{2}}$$

$$\boxed{3.3}$$

$$14) \left(x^{\frac{3}{4}}\right)^0 = 1$$