

9/10/18

In-class Game at the Board:

$$2a) \frac{7 \cdot 3^{-2}}{2 \cdot 2 \cdot 3^{-1}} = \frac{7 \cdot 2^2 \cdot 3^1}{3^1} = \frac{84}{9}$$

$$6b) \left(\frac{4}{y}\right)^3 \left(\frac{2}{y}\right)^4 = \frac{4^3 2^4}{y^3 y^4} = \frac{64}{y^3} \left(\frac{16}{y^4}\right) = \frac{1024}{y^7}$$

$$8a) (8y^{-6})(6y^{12}) = 48y^6$$

$$8b) \left(\frac{x^{-2}y^3}{3^0}\right)^2 = \frac{x^4 y^6}{3^{-2}} = \frac{9x^4}{y^6}$$