

85. Evaluate

(a)
$$\frac{7^8 \times a^{10} b^7 c^{12}}{7^6 \times a^8 b^4 c^{12}}$$

(b)
$$\frac{5^4 \times 7^4 \times 2^7}{8 \times 49 \times 5^3}$$

(c)
$$\frac{125 \times 5^2 \times a^7}{10^3 \times a^4}$$

84. Simplify and express each of the following in exponential form:

(a) $\left[\left(\frac{3}{7} \right)^4 \times \left(\frac{3}{7} \right)^5 \right] \div \left(\frac{3}{7} \right)^7$

(b) $\left[\left(\frac{7}{11} \right)^5 \div \left(\frac{7}{11} \right)^2 \right] \times \left(\frac{7}{11} \right)^2$

(c) $(3^7 \div 3^5)^4$

(d) $\left(\frac{a^6}{a^4} \right) \times a^5 \times a^0$