Esim. Sievennà.

$\frac{a^m}{a^n} = a^{m-n}$ $a^m \cdot a^n = a^{m+n}$	$(ab)^n = a^n b^n$ $\left(\frac{a}{b}\right)^n = \frac{a^n}{b^n}$

$(a^m)^n = a^{m \cdot n}$

a) $\frac{12x^4}{3x^2} = 4x^2$

b) $-3a^2 \cdot 5a^3 = -15a^5$

c) $(2x)^3 = 2^3 x^3 = 8x^3$

d) $(a^2 b^3)^2 = a^{2 \cdot 2} b^{3 \cdot 2} = a^4 b^6$.

e) $\left(\frac{2a^3}{4x^2}\right)^3 = \frac{2^3 \cdot a^{3 \cdot 3}}{4^3 \cdot x^{2 \cdot 3}} = \frac{8a^9}{56x^6} = \frac{a^9}{7x^6}$

f) $(-2a^3 b^4)^3 = (-2)^3 a^{3 \cdot 3} \cdot b^{4 \cdot 3} = (-2)(-2)(-2) a^9 b^{12}$
$= -8a^9 b^{12}$.

Teht. 6.1 – 6.3