Vereenvoudig:

a) $(a^2b^2)^2.ab^2$

b) $\dfrac{3a^{-2}b \times 24b^{-1}a^{-1}}{9a^{-4}b^{-3}}$

c) $\dfrac{4x^2}{2a^2} \div \dfrac{4x}{2a^2}$

d) $\dfrac{a^2b^2}{ac^2} \times \dfrac{4a^2bc}{20b^3}$

e) $\dfrac{4x^{-2}}{(4x)^{-2}}$