

## Raising a Power to a Power

**Simplify. Your answer should contain only positive exponents.**

1)  $(2u^4v^3)^3$

2)  $(3v^2)^2$

3)  $(2a^3b^4)^4$

4)  $(x^3y^3)^4$

5)  $(4y^4)^2$

6)  $(4m^2)^4$

7)  $(2x^2y^2)^3$

8)  $(2x^3y^3)^3$