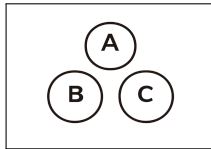


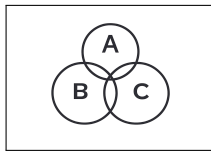
2

Basic Properties and Facts
Exponent Properties

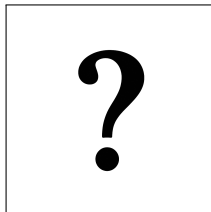
B



$$(3^2)^4 = 3^{2 \times 4} = 6,561$$



$$(a^n)^m = a^{nm}$$



$$(4^3)^2 = ?$$

2

Basic Properties and Facts Exponent Properties

B



$$(4^3)^2 = 4^{3 \times 2} = 4^6 = 4,096$$