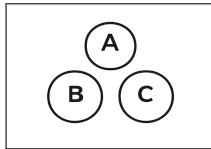


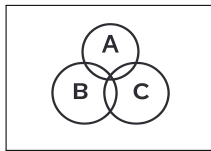
2

Basic Properties and Facts
Exponent Properties

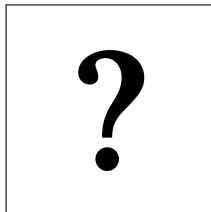
F



$$(3 \times 4)^2 = 3^2 \times 4^2 = 9 \times 16 = 144$$



$$(a \times b)^n = a^n \times b^n$$



$$(12 \times 2)^3 = ?$$

2

Basic Properties and Facts Exponent Properties

F



$$(12 \times 2)^3 = 12^3 \times 2^3 = 1,728 \times 8 = 13,824$$