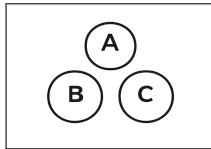


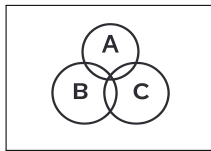
2

Basic Properties and Facts
Exponent Properties

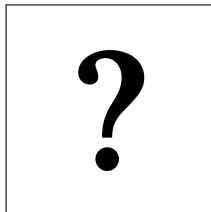
D



$$16^{3/4} = (16^{1/4})^3 = 2^3 = 8$$



$$a^{n/m} = (a^{1/m})^n = (a^n)^{1/m}$$



$$256^{3/2} = ?$$

2

Basic Properties and Facts Exponent Properties

D



$$256^{3/2} = (256^{1/2})^3 = \sqrt{256}^3 = 16^3 = 4,096$$