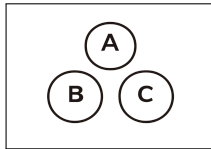


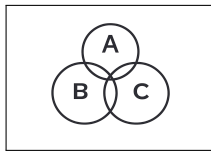
7

Basic Properties and Facts
Complex Numbers

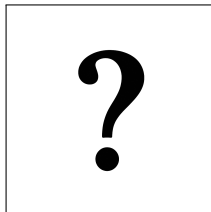
D



$$(3 + 2i)(3 - 2i) = 3^2 + 2^2 = 9 + 4 = 13$$



$$(a + bi)(a - bi) = a^2 + b^2$$



$$(4 + 6i)(4 - 6i) = ?$$

7

Basic Properties and Facts
Complex Numbers

D



$$(4 + 6i)(4 - 6i) = 4^2 + 6^2 = 16 + 36 = 52$$