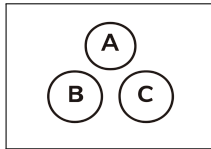


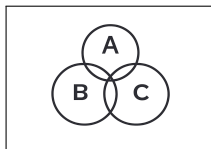
7

Basic Properties and Facts
Complex Numbers

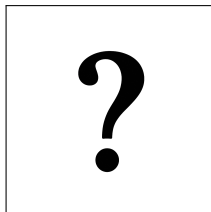
E



$$|4 + 3i| = \sqrt{4^2 + 3^2} = \sqrt{16 + 9} = \sqrt{16 + 9} = \sqrt{25} = 5$$



$$|a + bi| = \sqrt{a^2 + b^2}$$



$$|8 + 6i| = ?$$

7

Basic Properties and Facts Complex Numbers

E



$$|8 + 6i| = \sqrt{8^2 + 6^2} = \sqrt{64 + 36} = \sqrt{100} = 10$$