

***Выполните действия:***

$$(2 + 3i)(5 - 7i) =$$

$$= (10 + 21) + (-14 + 15)i = 31 + i$$

$$(5 + 3i)(5 - 3i) = 25 - 9i^2 = 34$$

$$(2 - 7i)^2 = 4 - 28i + 49i^2 = -45 - 28i$$

$$25m^2 + 16 = 25m^2 - 16i^2 =$$

$$= (5m - 4i)(5m + 4i)$$

