



1 Multiply these complex numbers and simplify

$$(-4 + 5i) \cdot (-5 + 3i)$$

A	B	C	D	E	F
$5 - 37i$	$4 - 37i$	$5 + 37i$	$5 - 36i$	$7 - 37i$	$5 - 39i$

2 Multiply these complex numbers and simplify

$$(-4 + 2i) \cdot (-5 - 5i)$$

A	$30 + 12i$	B	$32 + 10i$
C	$29 + 10i$	D	$30 + 10i$
E	$-30 + 10i$	F	$28 + 10i$

3 Multiply these complex numbers and simplify

$$(5 - 5i) \cdot (-3 - 4i)$$

A	B	C	D	E	F
$-34 - 5i$	$-36 - 5i$	$-37 - 5i$	$-35 - 3i$	$-35 - 5i$	$-35 - 4i$

4 Multiply these complex numbers and simplify

$$(-5 + 3i) \cdot (2 + 3i)$$

A	$-19 - 9i$	B	$-20 - 9i$
C	$-19 - 7i$	D	$-17 - 9i$
E	$-19 - 11i$	F	$-19 + 9i$

5 Multiply these complex numbers and simplify

$$(-6 - 3i) \cdot (3 - 5i)$$

A	$-35 + 21i$	B	$-33 + 22i$
C	$-33 + 19i$	D	$-33 + 23i$
E	$-31 + 21i$	F	$-33 + 21i$

6 Multiply these complex numbers and simplify

$$(4 - 6i) \cdot (-4 - 4i)$$

A	$-40 + 8i$	B	$-40 + 9i$
C	$-39 + 8i$	D	$-40 - 8i$
E	$-42 + 8i$	F	$-40 + 7i$

7 Multiply these complex numbers and simplify

$$(3 + 5i) \cdot (-5 + 5i)$$

A	$-39 - 10i$	B	$-40 - 12i$
C	$-40 - 10i$	D	$-38 - 10i$
E	$-41 - 10i$	F	$-40 - 11i$

8 Multiply these complex numbers and simplify

$$(-6 - 4i) \cdot (2 + 5i)$$

A	B	C	D	E	F
$8 - 39i$	$-8 - 38i$	$8 - 36i$	$7 - 38i$	$8 - 38i$	$8 - 37i$