Name

Complex Numbers - Multiplication Imaginary Part Only

1 Multiply these complex numbers and simplify

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

A	B	C	D	E	F
26	$25 - 1i$	27	$25 + 1i$	25	$25 + 2i$

2 Multiply these complex numbers and simplify

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

A	-20	B	-19
C	$-18 + 2i$	D	-18
E	$-18 - 2i$	F	$-18 + 1i$

3 Multiply these complex numbers and simplify

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

A	B	C	D	E	F
15	-16	16	$16 + 2i$	14	18

4 Multiply these complex numbers and simplify

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

A	-20	B	$-20 - 1i$
C	-21	D	$-20 + 1i$
E	-22	F	$-20 - 2i$

5 Multiply these complex numbers and simplify

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

A	B	C	D	E	F
17	14	$16 - 2i$	15	16	$16 - 1i$

6 Multiply these complex numbers and simplify

$$(2i) \cdot (-6i)$$

A	B	C	D	E	F
11	$12 + 2i$	$12 - 2i$	12	$12 - 1i$	10

7 Multiply these complex numbers and simplify

$$(2i) \cdot (5i)$$

A	10	B	$-10 - 1i$
C	$-10 - 2i$	D	-9
E	$-10 + 2i$	F	-10

8 Multiply these complex numbers and simplify

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

A	B	C	D	E	F
$8 - 2i$	$8 + 2i$	8	$8 + 1i$	10	$8 - 1i$