mobius
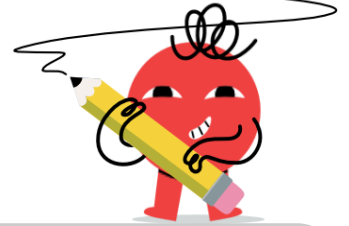## Complex Numbers - Rewriting Roots

1 Rewrite the root as a complex number and simplify all radicals

$$\sqrt{-4}$$

A	B	C
$3i$	$4i$	$2i$

D	E	F
i	$5i$	$2i\sqrt{3}$

2 Rewrite the root as a complex number and simplify all radicals

$$\sqrt{-9}$$

A	B	C
$2i$	i	$i\sqrt{3}$

D	E	F
$i\sqrt{4}$	$2i\sqrt{2}$	$3i$

3 Rewrite the root as a complex number and simplify all radicals

$$\sqrt{-16}$$

A	B	C
$7i$	i	$3i$

D	E	F
$5i$	$2i$	$4i$

4 Rewrite the root as a complex number and simplify all radicals

$$\sqrt{-25}$$

A	B	C
i	$5i$	$6i$

D	E	F
$2i$	$8i\sqrt{4}$	$7i\sqrt{3}$