

WORKSHEET

Complex Numbers

Unsolved with Answer key



WORKSHEET

Complex Numbers

1. Simplify $3 + 4i + 2 - 3i$
2. Multiply $(2 + 3i)(1 - 2i)$
3. What is the modulus of $5 + 12i$
4. Find the conjugate of $7 - 4i$
5. Simplify $4 + 2i / 2 - i$
6. Add $2i$ and $-5i$.
7. What is the real part of $6 - 8i$
8. Subtract $3 - 4i$ from $5 + 2i$
9. Multiply $(3 + i)(3 - i)$
10. What is the argument of the complex number $1 + i$?

Answer Key

Complex Numbers

1. $5 + i$
2. $6 + i$
3. 13
4. $7 + 4i$
5. $2 + 6i$
6. $-3i$
7. 6
8. $2 + 6i$
9. 10
10. $\pi/4$