A2.N.8: Conjugates of Complex Numbers: Determine the conjugate of a complex number

1 What is the conjugate of $-2 + 3i$?
1) $-3 + 2i$
2) $-2 - 3i$
3) $2 - 3i$
4) $3 + 2i$

2 The conjugate of $7 - 5i$ is
1) $-7 - 5i$
2) $-7 + 5i$
3) $7 - 5i$
4) $7 + 5i$

3 What is the conjugate of $\frac{1}{2} + \frac{3}{2}i$?
1) $-\frac{1}{2} + \frac{3}{2}i$
2) $\frac{1}{2} - \frac{3}{2}i$
3) $\frac{3}{2} + \frac{1}{2}i$
4) $-\frac{1}{2} - \frac{3}{2}i$

4 The conjugate of the complex expression $-5x + 4i$ is
1) $5x - 4i$
2) $5x + 4i$
3) $-5x - 4i$
4) $-5x + 4i$

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Answer Section

1 ANS: 2 REF: 081024a2
2 ANS: 4 REF: 011111a2
3 ANS: 2 REF: 011213a2
4 ANS: 3 REF: 061219a2