Write the Polynomial Given the Roots Practice

Given these roots, write the original polynomial (don't forget that imaginary and complex roots have a conjugate! They come in pairs!) Assume a=1

1. Roots $x = -7$ and $x = 4$

2. Roots $x = 1, x = -3, and\ x = -2$

3. Root $x = -6i$

4. Root $x = 4 + i$

5. Roots $x = 2\ and\ x = 6i$

6. Roots $x = -5, x = 5 - 3i$