

Write the equation in standard form of a polynomial with the following solutions/roots/zeros.

1. $x = -3$ and $x = 15$

2. $x = 2$ and $x = \frac{4}{3}$

3. $x = \frac{1}{2}$, $x = \frac{-2}{3}$, and $x = -2$

4. $x = \pm 3i$ and $x = -5$

5. $x = 1 \pm 5i$

6. $x = 2 \pm 3i$ and $x = 1$

7. $x = \frac{1}{3}$ $x = -\frac{2}{5}$ $x = 4$