

Write the Equation Given the Roots ($a \neq 1$)---Practice

1. Roots of -4 and 6, with vertex at (1,5)
2. Roots of 1 and 2, with y-intercept of -4
3. Roots of -1 and -6 with vertex of (2, -6)
4. Double root of 4 with y-intercept of 24

5. Roots of -2 and 8 with vertex at $(3,4)$

6. Roots of 3 and -2 , with y -intercept of -5

7. Root of $2i$ with y -intercept of -3

8. Root of $4 - 3i$ with vertex at $(-3,4)$