

Solve by Factoring

1. $2x^2 - 7x - 22 = 0$

2. $3x^2 + 19x + 6 = 0$

3. $15x^2 + 4x - 4 = 0$

4. $4x^2 - 12x - 7 = 0$

5. $6x^2 + 13x - 8 = 0$

6. $4x^2 + 17x + 15 = 0$

7. $100x^2 - 9 = 0$

8. $9x^2 - 25 = 0$

9. $64x^2 - 1 = 0$

Write the Equation given the Root(s) and Ordered Pair

1. $x = 4 - 2i$ thru $(1, -39)$

2. $x = -3i, x = 2$ with y-intercept of 9

3. $x = 4, x = 1, x = -2$ thru $(-1, 20)$

4. $x = 2 + i$ thru $(-3, 13)$

5. $x = 5 + 2i, x = -1$ thru $(2, 3)$

6. $x = 4i, x = 1 - 3i$ with y-intercept of 16