

Quadratic Equations

Name _____

Class _____

Date _____

ANSWERS

1a _____

1b _____

2a _____

2b _____

3a _____

3b _____

4a _____

4b _____

5a _____

5b _____

Solve the following equations

1 . a) $x^3 - 10x^2 + 9x = 0$

b) $3x^3 - 7x^2 + 2x = 0$

2 . a) $3x^4 + 9 = 28x^2$

b) $2x^4 + 9 = 19x^2$

3 . a) $x^4 - 5x^2 + 4 = 0$

b) $x^4 + 4x^2 + 3 = 0$

4 . a) $7x^5 - 112x^3 = 0$

b) $11x^5 - 275x^2 = 0$

5 . a) $2x^3 - 2x^2 - 9(x-1) = 0$

b) $(2x+5)(x^2+2x) = (2x+2+3x^2)(x+x^2)$

B