

Essential Algebra Practice

MATH WORKBOOK

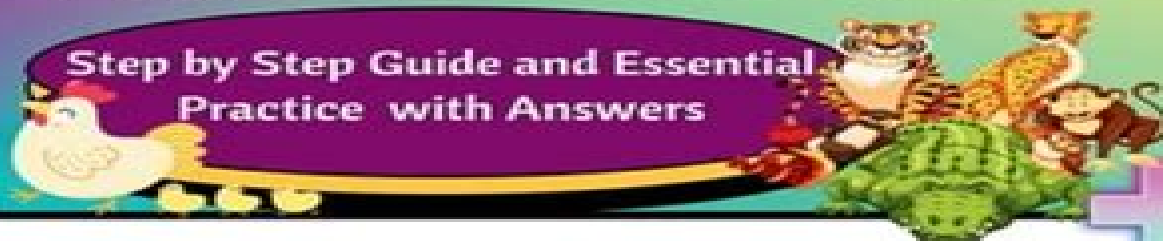
One-Side
Two-Side
Equations

One to Multi-Step
Equations and
Expressions

Factoring and
Distributing
Terms

Linear, Quadratic
Equations and
Polynomials

Step by Step Guide and Essential
Practice with Answers



$$a^2 + 2ab + b^2 = (a + b)^2 \quad 16 + x - 16 = 31 - 16$$

$$a^2 - 2ab + b^2 = (a - b)^2$$

$$\frac{y_2 - y_1}{x_2 - x_1} \quad -6x(9x^3 + 8 - 9x^2)$$

$$ax + b = 0$$

$$-5 - 36m - 6$$

$$-36m - 11$$

$$p = \frac{-6 \pm \sqrt{-60}}{-8} \quad ax^2 + bx + c = 0$$

$$+ 8x + 8 = 64 + x + 2$$

$$(7v^2 + 2v^2) + (8v^2 + 4v^2)$$

$$+ 8x + 8 = 64 + x + 2$$

$$(2v + 4v^2 + 2) - (5v - 4v^2 - 6v^2)$$

$$17 + 8x = 66 + x$$

$$(7x - 5y)(2x + 3y)$$

$$(6x^2 + 4xy + 2y^2) + (2x^2 + 8x^2 + 2x^2 + 3y^2)$$

$$\frac{2x^2 + 8x^2 + 2x^2}{2x^2}$$



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Chao Zhang



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