$$3 x^2 - \frac{2}{3} = 4 (1)$$

$$3x^2 - 2 = 4 \tag{2}$$

$$3x^2 = 6 \tag{3}$$

isolate the term with the variable

$$x^2 = 2 \tag{4}$$

$$\sqrt{x^2} = \sqrt{2} \tag{5}$$

$$|x| = \sqrt{2} \tag{6}$$

$$x = \pm \sqrt{2} \tag{7}$$

= exagand

This example is from MathMode.pdf of Herbert Voß

$$y = 2x^{2} - 3x + 5$$

$$= 2\left(x^{2} - \frac{3}{2}x + \frac{3}{4} - \frac{3}{4}^{2} + \frac{5}{2}\right)$$

$$= 2 \qquad x - \frac{3}{4}^{2} + \frac{31}{16}$$

$$y = 2 \quad x - \frac{3}{4}^{2} + \frac{31}{8}$$

 $2x^2 - 3x$ is the beginning of

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formula)