

1. $h = \frac{2A}{b}$

2. $b = \frac{ad}{c}$

3. $x = \frac{1}{T} - y$ or $x = \frac{1 - Ty}{T}$

4. $c = \frac{3ab}{b - 2a}$

5. $b = \pm\sqrt{d + 4ac}$

6. $c = 3\mu - a - b$

7. $P = \frac{4RQ}{3Q + 6R}$

8. $a = \frac{2y}{x^2 + 2x + 6}$

9. $r = \pm\sqrt{R^2 - \frac{A}{\pi}}$

10. $r = \pm\sqrt{\frac{3V}{\pi h}}$

11. $\mu = x - z\sigma$

12. $y = \frac{30}{2x + 3 - 21x^2}$

13. $T = \frac{v^2 m}{3k}$

14. $c = \pm\sqrt{\frac{E}{m}}$

★ 15. $y = a\sqrt{x - h} + k$

$$a = \frac{y - k}{\sqrt{x - h}} \quad \text{or} \quad a = \frac{(y - k)\sqrt{x - h}}{x - h}$$

$$x = h + \left(\frac{y - k}{a}\right)^2$$

$$h = x - \left(\frac{y - k}{a}\right)^2$$

$$k = y - a\sqrt{x - h}$$