1 | $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

2 | trig

2.1 | $\sin(a + b) = \sin a \cos b + \cos a \sin b$

2.2 | $\cos(a + b) = \cos a \cos b - \sin a \sin b$

3 | cubes

3.1 | $a^3 + b^3 = (a + b)(a^2 + b^2 - ab)$

3.1.1 | $a^3 - b^3 = (a - b)(a^2 + b^2 + ab)$

3.2 | $(a + b)^3 = a^3 + b^3 + a^2 b + b^2 a$

4 | taylor series

4.1 | $f(x)$ **near** $a = f(a) + \frac{f'(a)}{2} x^2 + \frac{f''(a)}{3!} x^3$

5 | polar

5.1 | $e^{i\theta} = \cos\theta + i\sin\theta$