

$$\frac{P^H \times P^H \times Q}{P^H - P \times Q \times Q} \rightarrow \frac{P^H \times P^H \times Q}{P^H - P \times Q \times Q} = 50\% \rightarrow \frac{P^H - P \times Q \times Q}{P^H \times P^H \times Q} = \frac{P^H - P \times Q}{P^H} = 1$$

$$r^{n-r} \cdot q = 0 \Rightarrow r^{n-r} = 0 \Rightarrow n = r$$

$$r(50 - 50 + 50 + 50 - r) = 1(1 + 1 - 150) = 14(1 + 50) = 1(1 - 50) \Rightarrow 14 = 1$$

$$r50 - r = r(50 - 1)$$

$$\frac{(\sqrt{p-p_0})^2 + 1}{(\sqrt{p_0})^2} = \left(\frac{1 - \varepsilon \sqrt{p_0} + 1}{1 - \sqrt{p_0}} \right)^2 = \left(\frac{2(1 - \sqrt{p_0})}{(1 - \sqrt{p_0})} \right)^2 = 14$$

$$A = \sqrt{\mu \epsilon} \left(\frac{1}{\epsilon} \right)^{-\frac{1}{2}} = \sqrt{\mu \epsilon_0} \cdot \sqrt{\epsilon} \cdot \left(\frac{1}{\epsilon} \right)^{-\frac{1}{2}} = \sqrt{\mu \epsilon_0} \cdot \epsilon^{\frac{1}{2}} \cdot \epsilon^{-\frac{1}{2}} = \sqrt{\mu \epsilon_0}$$

$$\sqrt{a} = r r \sqrt{a^{-1}} \rightarrow 1 = r r \sqrt{a^{-1}} \rightarrow \frac{1}{r} = a^{-1} = r r$$

$$\frac{\frac{1}{2} - 4}{1 + \sqrt{e}} = \frac{e\sqrt{e} - 8}{1 + \sqrt{e}} = \frac{e(\sqrt{e} - 1)}{1 + \sqrt{e}} \rightarrow \frac{e(\sqrt{e} - 1)^2}{(\sqrt{e})^2 - 1} = \frac{4(e + 1 - 2\sqrt{e})}{e}$$

$$\frac{y(y-5\sqrt{y})}{y} = y-5\sqrt{y}$$

$$(\sqrt{n+a} - \sqrt{n-e})(\sqrt{n+a} + \sqrt{n-e}) = 4(\sqrt{n+a} + \sqrt{n-e}) = 2n + a - n + e$$

$$\sqrt{u+a} \sqrt{u-z} = \frac{a}{c} r \quad \rightarrow \quad \underbrace{\sqrt{u+a} + \sqrt{u-z}}_{\frac{a}{c} + r} - r = \frac{a}{r}$$