奥数教程第2片反高中第一分册. P42. 14是 .

·· 岁(文)有意义 -- ×>0.

·· 」身,有意义 ·· 少> ··

 $\therefore \lambda = \max\left\{\frac{x}{y} + t, yt + \frac{1}{x}, \frac{1}{xt} + y\right\} > 0 \qquad \therefore \lambda \geqslant 2$

 $: M = \max\left\{a,b,c\right\} = \max\left\{\left\{g\left(\frac{x}{y} + t\right), \left\{g\left(\frac{x}{y} + t\right), \left\{g\left(\frac{x}{x} + y\right)\right\}\right\}\right\}$

 $= \left\{ g\left(\max\left\{\frac{x}{y} + \frac{1}{x}, y + \frac{1}{x}, \frac{1}{x^2} + y\right\}\right) \right\}$

 $= lg \lambda > lg 2$.