Chuyên de i : Rut gan brên thuie và car bai toan lien quan

1. Bail: Cho A =
$$\frac{6}{x-1} + \frac{\sqrt{x}}{\sqrt{x+1}} \sqrt{a} B = \frac{3}{\sqrt{x-1}} \sqrt{c}; x > 0, x \neq 1, x \neq 9$$

2. Bail: Cho A =
$$\frac{2\sqrt{x}}{\sqrt{x}+3}$$
 va B = $\frac{\sqrt{x}+1}{\sqrt{x}-3}$ + $\frac{11\sqrt{x}-3}{x-9}$ vo: x>0. x+9

3. Bai3: Cho
$$A = \frac{Vx}{\sqrt{x-1}} + \frac{1}{\sqrt{x+2}} - \frac{3\sqrt{x}}{x+\sqrt{x-2}} = \frac{\sqrt{x+3}}{\sqrt{x+1}} (x^{20}, x+1)$$

C. Tim x ote'
$$S = A.B.$$
 Co'qua'hi lon nsat
4. Bai 4: Cho $A = \frac{1}{\sqrt{x}-1} + \frac{\sqrt{x}}{x-1} \sqrt{a}B = \frac{x-\sqrt{x}}{2\sqrt{x}+1} \sqrt{a}B = \frac{x-\sqrt{x}}{2\sqrt{x}+1}$

b. Ruit gen
$$M = A.B$$

c. Tim x de' $M = \frac{1}{3}$

5. Bai 5: Cho
$$M = \frac{2}{\sqrt{x}-1} + \frac{2}{\sqrt{x}+1} - \frac{5-\sqrt{x}}{x-1}$$
 voi $x \neq 0$; $x \neq 1$

6. Bai 6: Cho cai bien thuie:
$$A = \frac{1}{x+\sqrt{x}} + \frac{1}{\sqrt{x}+1} \text{ vai } B = \frac{2}{\sqrt{x}+1} \text{ (x>0)}$$