1. Bai 1: Cho
$$M = \frac{\pi+12}{\pi-4} + \frac{1}{V\pi+2} - \frac{4}{V\pi-2}$$
 ($x \geqslant 0$; $x \neq 4$)

a. Rut gen M

b) Tim x ote' $M = \frac{1}{4}$

c) Tim GTWN win M .

- 3. Boûis: Quang de AB dai 60 km. Mor ng di re dap hi A-18 Voi Van toi va t/g du ding. San lehi di chioc nua got, nã do giam van ta cti slem/a hen q t con lai. Vi vay ng di cter's claim him du ding la 1 (h). Tine van toè du ding
- 4. Bai 4: Cho nu'à do tron (O; R). Do kins AB. Ke' 2 tia tt Ax, By voi ma do tron. Tiejs tuyen cua nua do tron tai M. Cait An, By lain luôt tai C vai D. Voi MA cat OC tai E; MB cat OD tai F.
 - a, am fg OEMF la lien
 - b, Clm AC.BD lehg toi lehi M cot heir (0)
 - c, cho BD = RV3. Tine de dai AM
- d, le MHI AB tai H. Chm Khi M cot hen (0) thi of thom ngoar hiệp △ HEF luân đi qua 1 chiem cơ' ching.
- 5. Giai poi: $5\sqrt{x^3+1} = 2(x^2+2)$