



Page =
$$AC+AE+CE = [3r+2rsiux+r]3cosx-rsiux$$

$$= r(37+siux+3cosx)$$

Trow x affirch $Page = (2+f3)r$

Risolvo dunque:

$$p'(f3+siux+f3cosx) = (2+f3)p'$$

Siux + $[3cosx = 2]$

$$f'=2$$

$$f'=2$$

$$f'=3$$

$$f'=$$

=> AAPRC =
$$\frac{4}{3}$$
 AARC & equivalente a

PB sinx + BC sin $\frac{\pi}{3}$ = $\frac{4}{3}$ BC sin $\frac{\pi}{3}$

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Houca solo do calcolore PB:

AB PB No PB = $\frac{\sin x}{\sin x}$ AB = $\frac{\sin(\frac{\pi}{3} - x)}{\sin(\frac{\pi}{3} - x)}$ $\frac{\pi}{3}$.

Sind $\frac{\pi}{3}$ sin $\frac{\pi}{3}$ PB = $\frac{\pi}{3}$ sin $\frac{\pi$