



ÇANKAYA UNIVERSITY
Department of Mathematics

Solve It

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Question : In which step below is there an error?

$$\frac{x+2}{m+n+2} = \frac{x-2}{m+n-2} \quad (1)$$

$$\frac{x+2}{m+n+2} - 1 = \frac{x-2}{m+n-2} - 1 \quad (2)$$

$$\frac{x+2-m-n-2}{m+n+2} = \frac{x-2-m-n+2}{m+n-2} \quad (3)$$

$$\frac{x-(m+n)}{m+n+2} = \frac{x-(m+n)}{m+n-2} \quad (4)$$

$$\frac{1}{m+n+2} = \frac{1}{m+n-2} \quad (5)$$

$$m+n+2 = m+n-2 \quad (6)$$

$$2 = -2$$