

$$\int \frac{1}{x+2} dx =$$

INT-S1-037

SOSTITUZIONE $x+2=z$

$$x = z - 2$$

$$x' = \frac{dx}{dz} = 1$$

$$dx = dz$$

$$= \int \frac{1}{z} dz =$$

$$= \ln|z| + k =$$

$$= \boxed{\ln|x+2| + k}$$